

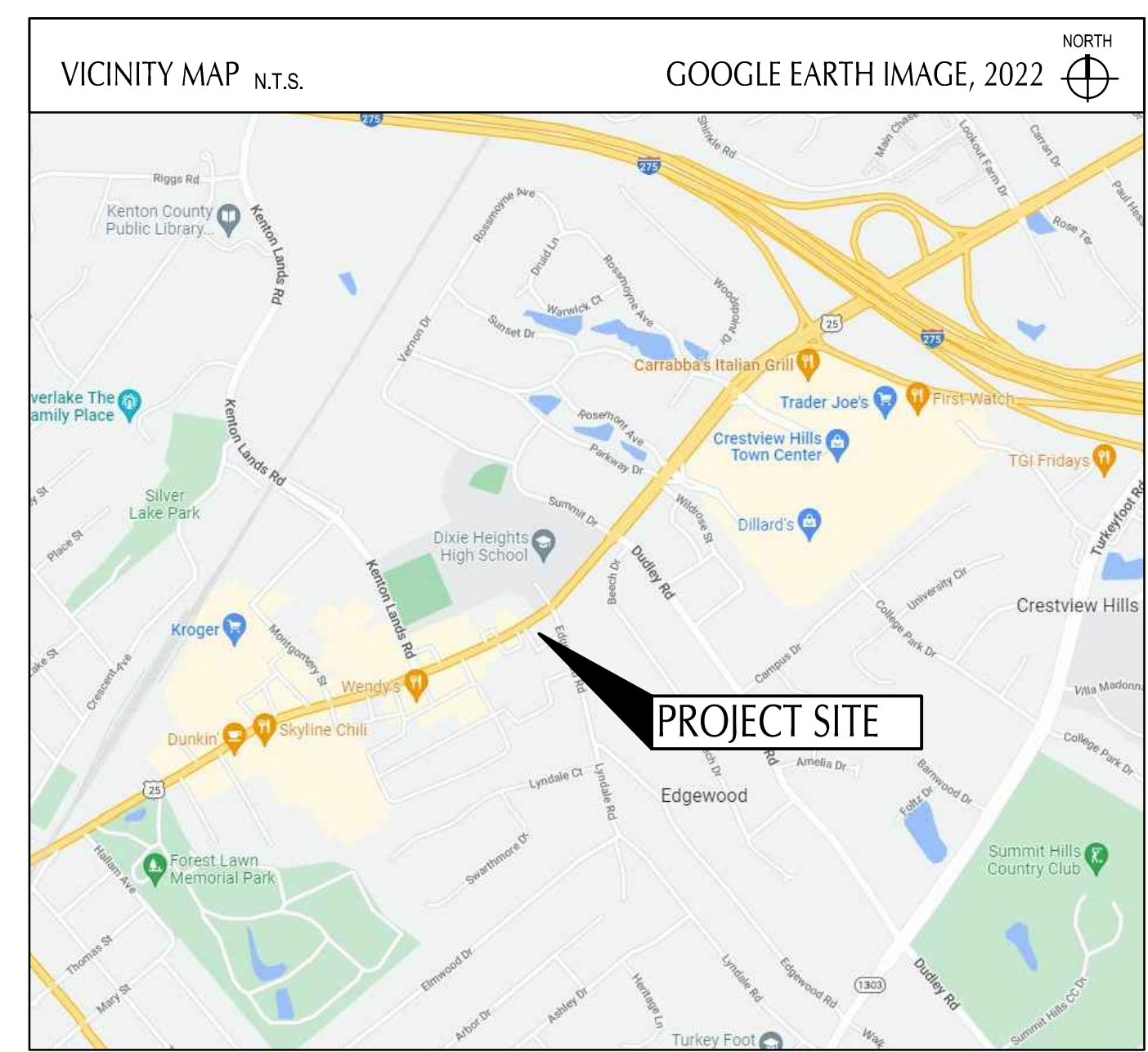


520 South Main Street, Suite 2531  
Akron, OH 44311  
330.572.2100 Fax 330.572.2101

# IMPROVEMENT PLANS

# TACO BELL

3039 DIXIE HWY.  
EDGEWOOD, KY 41017  
APRIL 2022



**PROJECT DESCRIPTION**

THIS PROJECT CONSISTS OF A PROPOSED TACO BELL ON A PREVIOUSLY VACANT BANK & PAVED LOT.

**KENTUCKY SPECIFICATION**

THE STANDARD SPECIFICATIONS OF THE STATE OF KENTUCKY TRANSPORTATION CABINET, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

**PLAN REPRODUCTION WARNING**  
THE PLANS HAVE BEEN PREPARED FOR PRINTING ON ANSI D (22"x34") SHEETS. PRINTING ON OTHER SIZE SHEETS MAY DISTORT SCALES. REFER TO GRAPHIC SCALES.

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DATE	REMARKS

CONTRACT DATE: -  
BUILDING TYPE: END 20  
PLAN VERSION: -  
BRAND DESIGNER:  
SITE NUMBER:  
STORE NUMBER:  
PA/PM: AB  
DRAWN BY.: KK  
JOB NO.: 2020188.06

**TACO BELL**  
3039 DIXIE HWY.  
EDGEWOOD, KY 41017



END 20  
TITLE SHEET

**TS-001**

PLOT DATE:









520 South Main Street, Suite 2531  
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530.572.2100 Fax 530.572.2101

**GENERAL NOTES**

- ALL WORK SPECIFIED AS A TRANSPORTATION CABINET ITEM SHALL BE GOVERNED BY THE KENTUCKY TRANSPORTATION CABINET CONSTRUCTION AND MATERIAL SPECIFICATIONS AS WELL AS THE CURRENT EDITION OF THE LOCAL JURISDICTION STORM WATER MANAGEMENT MANUAL. IT IS THE CONTRACTOR'S RESPONSIBILITY TO POSSESS AND TO BE FAMILIAR WITH APPLICABLE SECTIONS.
- THESE CONTRACT DRAWINGS SHALL BE MADE AVAILABLE ON SITE AT ALL TIMES AND PRESENTED UPON REQUEST. IF UNFORESEEN STORM WATER POLLUTION IS ENCOUNTERED, ADDITIONAL STORM WATER POLLUTION PREVENTION (SWPP) MEASURES SHALL BE IMPLEMENTED TO MANAGE THE CURRENT SITE CONDITIONS WHICH MAY BE REQUESTED BY THE OWNER, COUNTY ENGINEER, PROJECT ENGINEER OR SOIL AND WATER CONSERVATION SERVICE REPRESENTATIVE AT ANYTIME. SUCH REQUESTS AND CHANGE IN SITE CONDITIONS SHALL BE IMPLEMENTED IMMEDIATELY AT CONTRACTOR'S EXPENSE.
- ALL STORM WATER POLLUTION PREVENTION PRACTICES SHALL BE INSTALLED BEFORE ANY OTHER EARTH MOVING OCCURS.
- SEDIMENT BARRIERS SHALL BE INSTALLED DOWNSLOPE OF DISTURBED AREAS. SEDIMENT BARRIERS SHALL BE INSTALLED ALONG LEVEL CONTOURS. MAXIMUM CONTRIBUTING DRAINAGE AREA TO SEDIMENT BARRIERS SHALL BE PER THE CURRENT STATE'S EPA OR THE LOCAL AUTHORITY REQUIREMENTS. COMPOSITE FILTER SOCKS USED IN LIEU OF SILT FENCE SHALL BE A MINIMUM OF 12 INCHES IN DIAMETER.
- SILT BARRIERS SHALL BE INSTALLED AROUND ALL EXISTING AND NEW STORM INLETS, CATCH BASINS AND YARD DRAINS. INSTALL ROCK CHECK DAMS FOR HEADWALL INLETS FOR STORM WATER POLLUTION PREVENTION.
- STORM WATER POLLUTION PREVENTION MEASURES SHALL BE INSTALLED AROUND ALL DIRT OR TOPSOIL STOCKPILES AND OTHER TEMPORARILY DISTURBED AREAS AS MAY BE SHOWN ON THESE PLANS AND/OR AS DIRECTED BY THE ENGINEER OR THE LOCAL AUTHORITY HAVING JURISDICTION.
- SILT BARRIERS, CONSTRUCTION ENTRANCES, AND SILT PERIMETER CONTROLS SHALL REMAIN IN PLACE UNTIL A GOOD STAND OF GRASS HAS BEEN OBTAINED AND/OR PAVING OPERATIONS ARE COMPLETE. CONTRACTOR SHALL KEEP SILT FROM ENTERING ANY STORM DRAINAGE SYSTEM. ONCE SITE HAS BEEN COMPLETELY STABILIZED, ANY SILT IN PIPES AND DRAINAGE SWALES SHALL BE REMOVED WITHIN 10 DAYS.
- ALL EXISTING WATER COURSES WITHIN THE PROJECT LIMITS SHALL BE TEMPORARILY PROTECTED DURING LAND CLEARING AND GRADING OPERATIONS. SOILS WITHIN 50 FEET OF SAID WATER COURSES SHALL BE STABILIZED WITHIN 2 DAYS OF THE INITIAL CLEARING / GRADING OPERATION.
- CONSTRUCTION ENTRANCE SHALL BE UTILIZED. IF CONDITIONS ARE SUCH THAT MUD IS COLLECTING ON VEHICLE TIRES, THE TIRES MUST BE CLEANED BEFORE THE VEHICLES ENTER THE PUBLIC ROADWAY. THE SITE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT THE TRACKING OR FLOW OF MUD ONTO THE PUBLIC RIGHT-OF-WAY. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO THE ROADWAY MUST BE REMOVED PROMPTLY.
- IF FOR ANY REASON, THE PROJECT IS SUSPENDED, THE CONTRACTOR SHALL ENSURE THAT ALL INSTALLED EROSION MEASURES ARE FUNCTIONING AND PROPERLY MAINTAINED DURING THIS PERIOD, AND THAT ALL BARE SOILS ARE SEEDED AND MULCHED WITH TEMPORARY SEED MIXTURE.
- CONCRETE WASHOUT FACILITY (IF APPLICABLE) SHALL BE CONSTRUCTED IN ACCORDANCE WITH PLAN DETAILS AND LOCAL GOVERNING AUTHORITY REGULATIONS AND INSTRUCTIONS.
- IMPLEMENTATION OF EROSION AND SEDIMENT CONTROLS SHALL CONFORM TO STATE OF KENTUCKY CONSTRUCTION GENERAL PERMIT #KYR100000 AND THE CITY OF EDGEWOOD CODIFIED ORDINANCES. IF A CONFLICT EXISTS BETWEEN THE TWO REGARDING EROSION AND SEDIMENT CONTROL IMPLEMENTATION, THE MORE RESTRICTIVE SHALL APPLY.
- DISTURBED AREAS WITHIN 50' OF A STREAM SHALL HAVE PERMANENT STABILIZATION APPLIED WITHIN 2 DAYS OF FINAL GRADE.
- DISTURBED AREAS WHICH WILL REMAIN DORMANT FOR OVER 1 YEAR OR ARE AT FINAL GRADE SHALL HAVE PERMANENT STABILIZATION APPLIED WITHIN 7 DAYS OF LAST EARTHWORK DISTURBANCE.

**INSPECTION NOTES**

- CONTRACTOR SHALL INSPECT ALL SWPP MEASURES DAILY AND LOGGED BY THE CONTRACTOR FOR INSPECTION. LOGGING SHALL BE WEEKLY AND AFTER EVERY 1/2" RAINFALL EVENT. REPAIR AS NECESSARY TO PREVENT EROSION. SILTATION SHALL BE REMOVED FROM AREAS WHERE FAILURES HAVE OCCURRED AND CORRECTIVE ACTION TAKEN WITHIN 24 HOURS TO MAINTAIN ALL SWPP.
- CONTRACTORS INSPECTOR SHALL BE A QUALIFIED INDIVIDUAL. ONLY A QUALIFIED INSPECTION PERSONNEL IS TO PERFORM THE INSPECTIONS. SITE INSPECTIONS SHALL BE DONE WEEKLY AND WITHIN 24 HRS AFTER EVERY RAINFALL EVENT EXCEEDING 1/2" OF RAINFALL. ALL NECESSARY REPAIRS SHOULD BE IMPLEMENTED IMMEDIATELY AFTER SUCH INSPECTIONS.
- CONTRACTOR'S INSPECTOR SHALL BE RESPONSIBLE FOR PREPARING AND SIGNING WEEKLY AND ALL INTERMEDIATE EROSION CONTROL INSPECTION REPORTS AFTER EVERY INSPECTION, WHICH INCLUDE BUT NOT LIMITED TO (DISTURBED AREAS, MATERIAL STORAGE AREAS, EROSION AND SEDIMENT CONTROLS, DISCHARGE LOCATIONS AND VEHICLE ENTRANCE/EXIT LOCATIONS). SUCH REPORTS SHALL BE MADE AVAILABLE TO OWNER, ENGINEER AND CITY / STATE OFFICIALS UPON THEIR REQUEST.
- REPORTS SHALL BE KEPT FOR 3 YEARS AFTER TERMINATION OF THE CONSTRUCTION ACTIVITIES.
- CONTRACTOR MAY SUBMIT A WAIVER REQUEST TO THE LOCAL AND STATE GOVERNING AUTHORITIES FOR A REDUCTION TO MONTHLY INSPECTIONS IF THE SITE WILL BE STABILIZED AND DORMANT FOR A LONG PERIOD, AND/OR THE RUNOFF IS UNLIKELY DUE TO WEATHER CONDITIONS FOR AN EXTENDED PERIOD OF TIME (FROZEN GROUND).
- FOR BMPS THAT REQUIRE REPAIR OR MAINTENANCE - NON SEDIMENT POND BMPS ARE TO BE REPAIRED WITHIN 3 DAYS OF INSPECTION AND SEDIMENT PONDS ARE TO BE REPAIRED OR CLEANED OUT WITHIN 10 DAYS OF INSPECTION.
- FOR BMPS THAT DO NOT MEET THE INTENDED FUNCTION, A NEW BMP SHALL BE INSTALLED WITHIN 10 DAYS OF THE INSPECTION.
- FOR MISSING BMPS REQUIRED, THE MISSING BMPS SHALL BE INSTALLED WITHIN 10 DAYS OF THE INSPECTION.

**SPILLS AND CONTAMINATION**

- CONSTRUCTION PERSONNEL, INCLUDING SUBCONTRACTORS WHO MAY USE OR HANDLE HAZARDOUS OR TOXIC MATERIALS, SHALL BE MADE AWARE OF THE FOLLOWING GENERAL GUIDELINES REGARDING DISPOSAL AND HANDLING OF HAZARDOUS AND CONSTRUCTION WASTES:
  - PREVENT SPILLS
  - USE PRODUCTS UP
  - FOLLOW LABEL DIRECTIONS FOR DISPOSAL
  - REMOVE LIDS FROM EMPTY BOTTLES AND CANS WHEN DISPOSING IN TRASH
  - RECYCLE WASTES WHENEVER POSSIBLE
  - DONT POUR INTO WATERWAYS, STORM DRAINS OR ONTO THE GROUND
  - DONT POUR DOWN THE SINK, DOOR DRAIN OR SEPTIC TANKS
  - DONT BURY CHEMICALS OR CONTAINERS
  - DONT BURN CHEMICALS OR CONTAINERS
  - DONT MIX CHEMICALS TOGETHER
- ANY DISCHARGE OF PETROLEUM OR PETROLEUM PRODUCTS OF LESS THAN 25 GALLONS ONTO A PVIOUS SURFACE SHALL BE LEGALLY REMOVED AND PROPERLY TREATED OR PROPERLY DISPOSED OF, OR OTHERWISE REMEDIATED, SO THAT NO CONTAMINATION FROM THE DISCHARGE REMAINS ON-SITE. SPILLS OF 25 GALLONS OR MORE OF PETROLEUM PRODUCTS SHALL BE REPORTED TO THE KENTUCKY EPA, THE LOCAL FIRE DEPARTMENT, AND THE LOCAL EMERGENCY PLANNING COMMITTEE WITHIN 30 MINUTES OF THE DISCOVERY OF THE RELEASE. ALL SPILLS WHICH CONTACT WATERS OF THE STATE MUST BE REPORTED TO THE CURRENT STATE'S EPA.
- SPILL REPORTING REQUIREMENTS: SPILLS ON PAVEMENT SHALL BE ABSORBED WITH SAWDUST OR KITTY LITTER AND DISPOSED OF WITH THE TRASH AT A LICENSED SANITARY LAND FILL. HAZARDOUS OR INDUSTRIAL WASTES SUCH AS MOST SOLVENTS, GASOLINE, OIL-BASED PAINTS, AND CEMENT CURING COMPOUNDS REQUIRE SPECIAL HANDLING. SPILLS SHALL BE REPORTED TO THE KENTUCKY EPA.
- CONTAINERS SHALL BE PROVIDED FOR THE PROPER COLLECTION OF ALL WASTE MATERIAL INCLUDING CONSTRUCTION DEBRIS, TRASH, PETROLEUM PRODUCTS AND ANY HAZARDOUS MATERIALS USED ON-SITE. CONTAINERS SHALL BE COVERED AND NOT LEAKING. ALL WASTE MATERIAL SHALL BE DISPOSED OF AT FACILITIES APPROVED FOR THAT MATERIAL. CONSTRUCTION DEMOLITION AND DEBRIS (CD&D) WASTE MUST BE DISPOSED OF AT THE KENTUCKY APPROVED CD&D LAND FILL.
- PROCESS WASTE WATER/LEACHATE MANAGEMENT : EPA'S CONSTRUCTION GENERAL PERMIT ONLY ALLOWS THE DISCHARGE OF STORM WATER AND DOES NOT INCLUDE OTHER WASTE STREAMS/DISCHARGES SUCH AS VEHICLE AND/OR EQUIPMENT WASHING, ON-SITE SEPTIC LEACHATE CONCRETE WASH OUTS, WHICH ARE CONSIDERED PROCESS WASTEWATERS. ALL PROCESS WASTEWATERS MUST BE COLLECTED AND PROPERLY DISPOSED AT AN APPROVED DISPOSAL FACILITY. IN THE EVENT, LEACHATE OR SEPTAGE IS DISCHARGED; IT MUST BE ISOLATED FOR COLLECTION AND PROPER DISPOSAL AND CORRECTIVE ACTIONS TAKEN TO ELIMINATE THE SOURCE OF WASTE WATER.
- WASTES GENERATED BY CONSTRUCTION ACTIVITIES (I.E. CONSTRUCTION MATERIALS SUCH AS PAINTS, SOLVENTS, FUELS, CONCRETE, WOOD, ETC) MUST BE DISPOSED OF IN ACCORDANCE WITH LOCAL REGULATIONS. HAZARDOUS AND TOXIC SUBSTANCES ARE USED ON VIRTUALLY ALL CONSTRUCTION SITES. GOOD MANAGEMENT OF THESE SUBSTANCES IS ALWAYS NEEDED.
- NO CONSTRUCTION RELATED WASTE MATERIALS ARE TO BE BURIED OR BURNED ON-SITE.
- HANDLING CONSTRUCTION CHEMICALS: MIXING, PUMPING, TRANSFERRING OR OTHER HANDLING OF CONSTRUCTION CHEMICALS SUCH AS FERTILIZER, LIME, ASPHALT, CONCRETE DRYING COMPOUNDS, AND ALL OTHER POTENTIALLY HAZARDOUS MATERIALS SHALL BE PERFORMED IN AN AREA AWAY FROM ANY WATERCOURSE, DITCH OR STORM DRAIN.
- EQUIPMENT FUELING AND MAINTENANCE, OIL CHANGING, ETC., SHALL BE PERFORMED AWAY FROM WATERCOURSES, DITCHES OR STORM DRAINS. IN AN AREA DESIGNATED FOR THAT PURPOSE, THE DESIGNATED AREA SHALL BE EQUIPPED FOR RECYCLING OIL AND CATCHING SPILLS. SECONDARY CONTAINMENT SHALL BE PROVIDED FOR ALL FUEL OIL STORAGE TANKS. THESE AREAS MUST BE INSPECTED EVERY SEVEN DAYS AND WITHIN 24 HRS. OF A 0.5 INCH OR GREATER RAIN EVENT TO ENSURE THERE ARE NO EXPOSED MATERIALS WHICH WOULD CONTAMINATE STORM WATER. SITE OPERATORS MUST BE AWARE THAT SPILL PREVENTION CONTROL AND COUNTERMEASURES (SPCC) REQUIREMENTS MAY APPLY. AN SPCC PLAN IS REQUIRED FOR SITES WITH ONE SINGLE ABOVE GROUND TANK OF 660 GALLONS OR MORE, ACCUMULATIVE ABOVE GROUND STORAGE OF 1330 GALLONS OR MORE, OR 42,000 GALLONS OF UNDERGROUND STORAGE. CONTAMINATED SOILS MUST BE PROPERLY DISPOSED OF IN ACCORDANCE WITH LOCAL GOVERNING AUTHORITY REGULATIONS. SPCC PLAN AND APPROVALS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- CONTAMINATED SOILS: IF SUBSTANCES SUCH AS OIL, DIESEL FUEL, HYDRAULIC FLUID, ANTIFREEZE, ETC. ARE SPILLED, LEAKED, OR RELEASED ONTO THE SOIL, THE SOIL SHOULD BE DUG UP AND DISPOSED OF AT LICENSED SANITARY LAND FILL OR OTHER APPROVED PETROLEUM CONTAMINATED SOIL REMEDIATION FACILITY (NOT A CONSTRUCTION / DEMOLITION DEBRIS LAND FILL). NOTE THOSE STORM WATER RUNOFFS ASSOCIATED WITH CONTAMINATED SOILS ARE NOT BE AUTHORIZED UNDER CURRENT REGULATIONS OF CONSTRUCTION ACTIVITIES.
- CONTRACTOR SHALL TAKE PREVENTIVE MEASURES FOR WATER DISCHARGES FROM CONTAMINATED SOILS BY ANY MEANS POSSIBLE, INCLUDING THE FOLLOWING:
  - THE USE OF BERMS, TRENCHES, AND PITS TO COLLECT CONTAMINATED RUNOFF AND PREVENT DISCHARGES
  - PUMPING RUNOFF INTO A SANITARY SEWER (WITH PRIOR WRITTEN APPROVAL OF THE SANITARY SEWER SERVICE OPERATOR) OR INTO A CONTAINER FOR TRANSPORT TO AN APPROPRIATE TREATMENT/DISPOSAL FACILITY.
  - COVERING AREAS OF CONTAMINATION WITH TARPS OR OTHER METHODS THAT PREVENT STORMWATER FROM COMING INTO CONTACT WITH CONTAMINATED MATERIALS.

**TEMPORARY SEEDING**

- STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SUCH AS DIVERSIONS AND SEDIMENT TRAPS SHALL BE INSTALLED AND STABILIZED WITH TEMPORARY SEEDING PRIOR TO GRADING THE REST OF THE CONSTRUCTION SITE.
- TEMPORARY SEEDING / STABILIZATION SHALL BE APPLIED WITHIN THE FOLLOWING TIME FRAMES FOR VARIOUS AREAS OF THE SITE:
  - ANY DISTURBED AREA WITHIN 50 FEET OF A WATERCOURSE AND NOT AT FINAL GRADE SHALL BE SEEDED AND MULCHED WITHIN 2 DAYS OF THE MOST RECENT DISTURBANCE, IF THAT AREA WILL REMAIN IDLE FOR MORE THAN 14 DAYS.
  - ALL CONSTRUCTION ACTIVITIES IN ANY DISTURBED AREA, INCLUDING SOIL STOCKPILES THAT WILL BE IDLE FOR MORE THAN 14 DAYS BUT LESS THAN ONE YEAR, AND NOT WITHIN 50 FEET OF A WATERCOURSE SHALL BE SEEDED AND MULCHED WITHIN 7 DAYS OF THE MOST RECENT DISTURBANCE IN THE AREA.
  - DISTURBED AREAS THAT WILL BE IDLE OVER THE WINTER SHALL BE SEEDED AND MULCHED PRIOR TO NOVEMBER 1.
- THE SEED BED SHOULD BE PULVERIZED AND LOOSE TO ENSURE THE SUCCESS OF ESTABLISHING VEGETATION. TEMPORARY SEEDING SHOULD NOT BE POSTPONED IF IDEAL SEED BED PREPARATION IS NOT POSSIBLE.
- TEMPORARY VEGETATION SEEDING RATES SHALL ESTABLISH ADEQUATE STANDS OF VEGETATION, WHICH MAY REQUIRE USE OF SOIL AMENDMENTS, BASE RATES FOR LIME AND FERTILIZER SHALL BE USED.
- ALL SEED MIXES AND SEEDING RATES USED SHALL BE APPROVED BY THE LOCAL GOVERNING AUTHORITY AND THE OWNER.
- SEED SHALL BE APPLIED UNIFORMLY WITH A CYCLONE SPREADER, DRILL, CULTIPACKER, SEEDER, OR HYDROSEEDER. WHEN FEASIBLE, SEED THAT HAS BEEN BROADCAST SHALL BE COVERED BY RAKING OR DRAGGING AND THEN LIGHTLY TAMPED INTO PLACE USING A ROLLER OR CULTIPACKER. IF HYDROSEEDING IS USED, THE SEED AND FERTILIZER WILL BE MIXED ON-SITE AND THE SEEDING SHALL BE DONE IMMEDIATELY AND WITHOUT INTERRUPTION.
- APPLICATIONS OF TEMPORARY SEEDING SHALL INCLUDE MULCH, WHICH SHALL BE APPLIED DURING OR IMMEDIATELY AFTER SEEDING. SEEDINGS MADE DURING OPTIMUM SEEDING DATES ON FAVORABLE, VERY FLAT SOIL CONDITIONS MAY NOT NEED MULCH TO ACHIEVE ADEQUATE STABILIZATION. IF MULCH IS USED, FOLLOW THE REQUIREMENTS AND INSTRUCTIONS IN THE MULCH APPLICATION.

**MULCH**

- MULCH AND OTHER APPROPRIATE VEGETATIVE PRACTICES SHALL BE APPLIED TO DISTURBED AREAS WITHIN 7 DAYS OF GRADING IF THE AREA IS TO REMAIN DORMANT (UNDISTURBED) FOR MORE THAN 21 DAYS OR ON AREAS AND PORTIONS OF THE SITE WHICH CAN BE BROUGHT TO FINAL GRADE.
  - MULCH SHALL CONSIST OF ONE OF THE FOLLOWING:
    - STRAW SHALL BE UNROTTED SMALL GRAIN STRAW APPLIED AT THE RATE OF 2 TONS/AC. OR 80 LB./1,000 SQ. FT. (TWO TO THREE BALES) THE STRAW MULCH SHALL BE SPREAD UNIFORMLY BY HAND OR MECHANICALLY SO THE SOIL SURFACE IS COVERED. FOR UNIFORM DISTRIBUTION OF HAND-SPREAD MULCH, DIVIDE AREA INTO APPROXIMATELY 1,000 SQ. FT. SECTIONS AND PLACE TWO 45-LB BALES OF STRAW IN EACH SECTION.
    - WOOD CELLULOSE FIBER SHOULD BE USED AT 2,000 LB./AC. OR 46 LB./1,000 SQ. FT.
    - ACCEPTABLE MULCHES INCLUDE MULCH MATTINGS AND ROLLED EROSION CONTROL PRODUCTS APPLIED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS OR WOOD MULCH/CHIPS APPLIED AT 10-20 TONS/AC.
  - MULCH SHALL BE ANCHORED IMMEDIATELY TO MINIMIZE LOSS BY WIND OR RUNOFF. THE FOLLOWING ARE ACCEPTABLE METHODS FOR ANCHORING MULCH.
    - USE A DISK, CRIMPER, OR SIMILAR TYPE TOOL SET STRAIGHT TO PUNCH OR ANCHOR THE MULCH MATERIAL INTO THE SOIL. STRAW MECHANICALLY ANCHORED SHALL NOT BE FINELY CHOPPED BUT BE LEFT GENERALLY LONGER THAN 6 INCHES.
    - USE MULCH NETTINGS ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS, FOLLOWING ALL PLACEMENT AND ANCHORING REQUIREMENTS. USE IN AREAS OF WATER CONCENTRATION AND STEEP SLOPES TO HOLD MULCH IN PLACE.
    - FOR STRAW MULCH, SYNTHETIC BINDERS SUCH AS ACRYLIC DLR (AGRI-TACK), DCA-70, PETROSET, TERRA TACK OR EQUAL MAY BE USED AT RATES RECOMMENDED BY THE MANUFACTURER. ALL APPLICATIONS OF SYNTHETIC BINDERS MUST BE CONDUCTED IN SUCH A MANNER WHERE THERE IS NO CONTACT WITH WATERS OF THE STATE.
    - WOOD CELLULOSE FIBER MAY BE USED FOR ANCHORING STRAW. THE FIBER BINDER SHALL BE APPLIED AT A NET DRY WEIGHT OF 750 LB/AC. THE WOOD CELLULOSE FIBER SHALL BE MIXED WITH WATER AND THE MIXTURE SHALL CONTAIN A MAXIMUM OF 50 LB/100 GAL. OF WOOD CELLULOSE FIBER.

**DUST CONTROL NOTES**

- DUST CONTROL SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. IF POSSIBLE GRADING SHALL BE DONE BY PHASING IN ORDER TO MINIMIZE THE AMOUNT OF LAND DISTURBANCE AT ONE TIME. IF PHASING IS NOT AN OPTION, DUST SHALL BE CONTROLLED WITH WATER DURING EARTHWORK OPERATIONS. AFTER EARTHWORK OPERATIONS, THE EXPOSED SOILS SHALL BE COVERED WITH STRAW OR MULCH UNTIL SEEDED.
- DUST CONTROL OR DUST SUPPRESSANTS MAY BE USED TO PREVENT NUISANCE CONDITIONS WHEN APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION. WHEN USED, SUPPRESSANTS SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND IN A MANNER, WHICH PREVENTS A DISCHARGE TO WATERS OF THE STATE. SUFFICIENT DISTANCE MUST BE PROVIDED BETWEEN APPLICATIONS AND NEARBY BRIDGES, CATCH BASINS, AND OTHER WATERWAYS. APPLICATION (EXCLUDING WATER) MAY NOT OCCUR WHEN RAIN IS IMMINENT AS NOTED IN THE SHORT TERM FORECAST. OIL MAY NOT BE APPLIED FOR DUST CONTROL.
- SUGGESTED METHODS OF CONSTRUCTION DUST CONTROL MAY INCLUDE THE FOLLOWING:
  - CONSTRUCTION SEQUENCING AND DISTURBING ONLY SMALL AREAS AT A TIME CAN GREATLY REDUCE PROBLEMATIC DUST FROM THE SITE. IF LAND MUST BE DISTURBED, ADDITIONAL TEMPORARY STABILIZATION MEASURES SHOULD BE CONSIDERED PRIOR TO DISTURBANCES.
  - APPLY TEMPORARY OR PERMANENT SEEDING AND MULCH TO AREAS THAT WILL REMAIN IDLE FOR OVER 14 DAYS, SAVING EXISTING TREES AND LARGE SHRUBS WILL ALSO REDUCE SOIL AND AIR MOVEMENT ACROSS DISTURBED AREAS.
  - SPRAY DISTURBED SITE WITH WATER UNTIL THE SURFACE IS WET BEFORE AND DURING GRADING AND REPEAT AS NEEDED, ESPECIALLY ON HAUL ROADS AND OTHER HEAVY TRAFFIC ROUTES. WATERING SHALL BE DONE AT A RATE THAT PREVENTS DUST BUT DOES NOT CAUSE SOIL EROSION. WETTING AGENTS MAY BE UTILIZED ACCORDING TO MANUFACTURERS INSTRUCTIONS.
  - GRADED ROADWAYS AND OTHER SUITABLE AREAS MAY BE STABILIZED USING CRUSHED STONE OR COARSE GRAVEL AS SOON AS PRACTICABLE AFTER REACHING AN INTERIM OR FINAL GRADE. CRUSHED STONE OR COARSE GRAVEL CAN BE USED AS A PERMANENT COVER TO PROVIDE CONTROL OF SOIL EMISSIONS.
  - EXISTING WINDBREAK VEGETATION SHALL BE MARKED AND PRESERVED TO THE EXTENT POSSIBLE. SNOW FENCING OR OTHER SUITABLE BARRIER MAY BE PLACED PERPENDICULAR TO PREVAILING AIR CURRENTS AT INTERVALS OF ABOUT 15 TIMES THE BARRIER HEIGHTS TO CONTROL AIR CURRENTS AND BLOWING SOIL.
  - WHEN TEMPORARY DUST CONTROL MEASURES ARE USED, REPETITIVE TREATMENT SHOULD BE APPLIED AS NEEDED TO ACCOMPLISH SATISFACTORY CONTROL.
  - PAVED AREAS THAT HAVE ACCUMULATED SEDIMENT FROM CONSTRUCTION SHOULD BE CLEANED DAILY, OR AS NEEDED, UTILIZING A STREET SWEEPER OR BUCKET-TYPE ENDOLOADER OR SCRAPER.

**DEWATERING**

DEWATERING REFERS TO THE ACT OF REMOVING AND DISCHARGING WATER FROM EXCAVATED AREAS ON CONSTRUCTION SITES, UTILITY LINE CONSTRUCTION OR FROM SEDIMENT TRAPS OR BASINS ON CONSTRUCTION SITES. GIVEN THE UNIQUE CONDITIONS AT ANY PARTICULAR CONSTRUCTION SITE, ANY OR ALL OF THE PRACTICES MAY APPLY. IN ALL CASES, EVERY EFFORT SHALL BE MADE TO ELIMINATE SEDIMENT POLLUTION ASSOCIATED WITH DEWATERING.

**PRACTICES FOR DEWATERING EXCAVATED AREAS**

- PUMPING OF WATER TO AN EXISTING SEDIMENT BASIN OR TRAP IN WHICH THE ENTIRE VOLUME OF WATER FROM THE AREA TO BE DEWATERED CAN BE CONTAINED WITHOUT DISCHARGE TO RECEIVING WATERS.
- PUMPING OF WATER TO AN EXISTING SEDIMENT BASIN OR TRAP SUCH THAT THE ENTIRE VOLUME OF WATER FROM THE AREA TO BE DEWATERED CAN BE MANAGED WITHOUT EXCEEDING THE DESIGN OUTFLOW FROM THE SEDIMENT CONTROL STRUCTURE.
- USE OF A STRAW BALE/SILT FENCE PIT OR TRAP AS DESCRIBED HEREIN AND APPROVED BY THE LOCAL GOVERNING AUTHORITY.
- PUMPING WATER THROUGH A GEOTEXTILE BAG MADE SPECIFICALLY FOR THIS PURPOSE.
- A WELL-VEGETATIVE FILTER STRIP, CAPABLE OF WITHSTANDING THE VELOCITY OF DISCHARGED WATER WITHOUT ERODING, INCLUDING THE INSTALLATION OF ENERGY DISSIPATION (HAYBALES, RIPRAP OR SHEET OF PLYWOOD) AT THE PUMP DISCHARGE.
- USE A SUMP PIT TO REDUCE THE PUMPING OF MUD.

DEWATERING OF SEDIMENT TRAPS AND BASINS. IN ALL CASES, WATER REMOVED FROM TRAPS AND BASINS SHALL BE DISCHARGED SO THAT IT PASSES THROUGH A SEDIMENT CONTROL DEVICE APPROVED BY THE LOCAL GOVERNING AUTHORITY PRIOR TO ENTERING RECEIVING WATERS. PRACTICES FOR DEWATERING OF TRAPS AND BASINS MAY INCLUDE SOME OR ALL OF THE FOLLOWING AS MAY BE APPROVED AND APPLICABLE. IN ALL CASES, THE DEWATERING OPERATIONS UTILIZED MUST BE CONTINUOUSLY MONITORED BY THE CONTRACTOR.

- USE OF A STRAW BALE/SILT FENCE PIT OR TRAP.
  - AN EXCAVATED BASIN (APPLICABLE TO "STRAW BALE/SILT FENCE PIT") MAY BE LINED WITH FILTER FABRIC TO HELP REDUCE SCOUR AND TO PREVENT EROSION OF SOIL FROM WITHIN THE STRUCTURE. IT MAY ALSO BE HELPFUL TO DIRECT THE DISCHARGE ONTO A HAY OR STRAW BALE OR RIPRAP.
  - MEASURES SHALL CONSIST OF STRAW BALES, SILT FENCE AND A STONE OUTLET CONSISTING OF A COMBINATION OF 4-8 INCH RIPRAP AND 1/2 TO 2 INCH AGGREGATE AND A WET STORAGE PIT ORIENTED AS SHOWN IN DRAWING.
  - THE EXCAVATED AREA SHOULD BE A MINIMUM OF 3 FEET BELOW THE BASE OF THE PERIMETER MEASURES (STRAW BALES OR SILT FENCE).
  - ONCE THE WATER LEVEL NEARS THE CREST OF THE STONE WEIR (EMERGENCY OVERFLOW), THE PUMP MUST BE STOPPED WHILE THE STRUCTURE DRAINS DOWN TO THE ELEVATION OF THE WET STORAGE.
  - THE WET STORAGE PIT MAY BE DEWATERED ONLY AFTER A MINIMUM OF 6 HOURS OF SEDIMENT SETTLING TIME. THIS EFFLUENT SHOULD BE PUMPED ACROSS A WELL-VEGETATED AREA OR THROUGH A SILT FENCE PRIOR TO ENTERING A WATERCOURSE.
  - ONCE THE DEVICE HAS BEEN REMOVED, GROUND CONTOURS SHALL BE RETURNED TO ORIGINAL CONDITION.
- PUMPING WATER THROUGH A GEOTEXTILE BAG MADE SPECIFICALLY FOR THIS PURPOSE.
  - THE BAG SHALL BE INSTALLED ON A VERY SLIGHT SLOPE SO INCOMING WATER FLOWS DOWNHILL THROUGH THE BAG WITHOUT CREATING MORE EROSION.
  - THE INLET OPENING OF THE DEWATERING DEVICE SHALL HAVE A FILL SPOUT LARGE ENOUGH TO ACCOMMODATE THE DISCHARGE HOSE AND SHALL USE TWO STAINLESS STEEL STRAPS TO SECURE THE HOSE AND PREVENT PUMPED WATER FROM ESCAPING WITHOUT BEING FILTERED.
  - THE BAG SHOULD BE PLACED ON AN AGGREGATE OR HAY BALE BED TO MAXIMIZE WATER FLOW THROUGH THE ENTIRE SURFACE AREA OF THE BAG.
  - THE FILTER BAG IS FULL WHEN IT NO LONGER CAN EFFICIENTLY FILTER SEDIMENT OR PASS WATER AT A REASONABLE RATE.
  - FLOW RATES VARY DEPENDING ON THE SIZE OF THE DEWATERING DEVICE, AMOUNT OF SEDIMENT DISCHARGED INTO THE DEWATERING DEVICE, THE TYPE OF GROUND, ROCK, OR OTHER SUBSTANCE UNDER THE BAG AND THE DEGREE OF THE SLOPE ON WHICH THE BAG LIES. THE FILTER BAG SHOULD BE SIZED TO ACCOMMODATE THE ANTICIPATED FLOW RATES FROM THE TYPE OF PUMP USED. IN ALL CASES FOLLOW THE MANUFACTURERS RECOMMENDATIONS FOR PUMPING FLOW RATES.
  - THE FILTER BAG CAN BE LEFT IN PLACE AFTER CUTTING THE TOP OFF AND SEEDING AND MULCHING THE ACCUMULATED SEDIMENT OR REMOVED AND DISPOSED OF OFFSITE IN AN APPROVED LANDFILL.
- A WELL-VEGETATIVE FILTER STRIP, CAPABLE OF WITHSTANDING THE VELOCITY OF DISCHARGED WATER WITHOUT ERODING, INCLUDING THE INSTALLATION OF ENERGY DISSIPATION (HAYBALES, RIPRAP OR SHEET OF PLYWOOD) AT THE PUMP DISCHARGE. SUCH OTHER METHODS AS MAY BE APPROVED BY THE LOCAL GOVERNING AUTHORITY.
- REGARDLESS OF THE TYPE OF TREATMENT, ALWAYS USE A FLOATING SUCTION HOSE TO PUMP THE CLEANER WATER FROM THE TOP OF THE POND, AS THE CLEANER WATER IS PUMPED, THE SUCTION HOSE WILL LOWER AND EVENTUALLY ENCOUNTER SEDIMENT-LADEN WATER. AT THIS POINT CEASE PUMPING OPERATIONS AND REMOVE THE REMAINDER OF THE TRAPPED SEDIMENT WITH MACHINERY. EVEN WHEN PUMPING FROM THE TOP OF THE WATER COLUMN, PROVISIONS MUST STILL BE MADE TO FILTER WATER AS REQUIRED IN THIS SECTION PRIOR TO DISCHARGING TO A STREAM. DURING THE DEWATERING, PERSONNEL SHOULD BE ASSIGNED TO MONITOR PUMPING OPERATIONS AT ALL TIMES TO ENSURE THAT SEDIMENT POLLUTION IS ABATED, PUMPING SEDIMENT-LADEN WATER INTO THE WATERS OF THE STATE WITHOUT FILTRATION IS PROHIBITED.
- THE DEWATERING DEVICE MUST BE SIZED (AND OPERATED) TO ALLOW PUMPED WATER TO FLOW THROUGH THE FILTERING APPARATUS WITHOUT EXCEEDING THE CAPACITY OF THE STRUCTURE.

DATE	REMARKS

CONTRACT DATE: -  
 BUILDING TYPE: END 20  
 PLAN VERSION: -  
 BRAND DESIGNER:  
 SITE NUMBER:  
 STORE NUMBER:  
 PA/PM: AB  
 DRAWN BY.: KK  
 JOB NO.: 2020188.06

**TACO BELL**

3039 DIXIE HWY.  
EDGEWOOD, KY 41017



END 20  
SWPP  
NOTES

**C-010**

PLOT DATE:



520 South Main Street, Suite 2531  
Akron, OH 44311  
330.572.2100 Fax 330.572.2101

**CONSTRUCTION ENTRANCE NOTES**

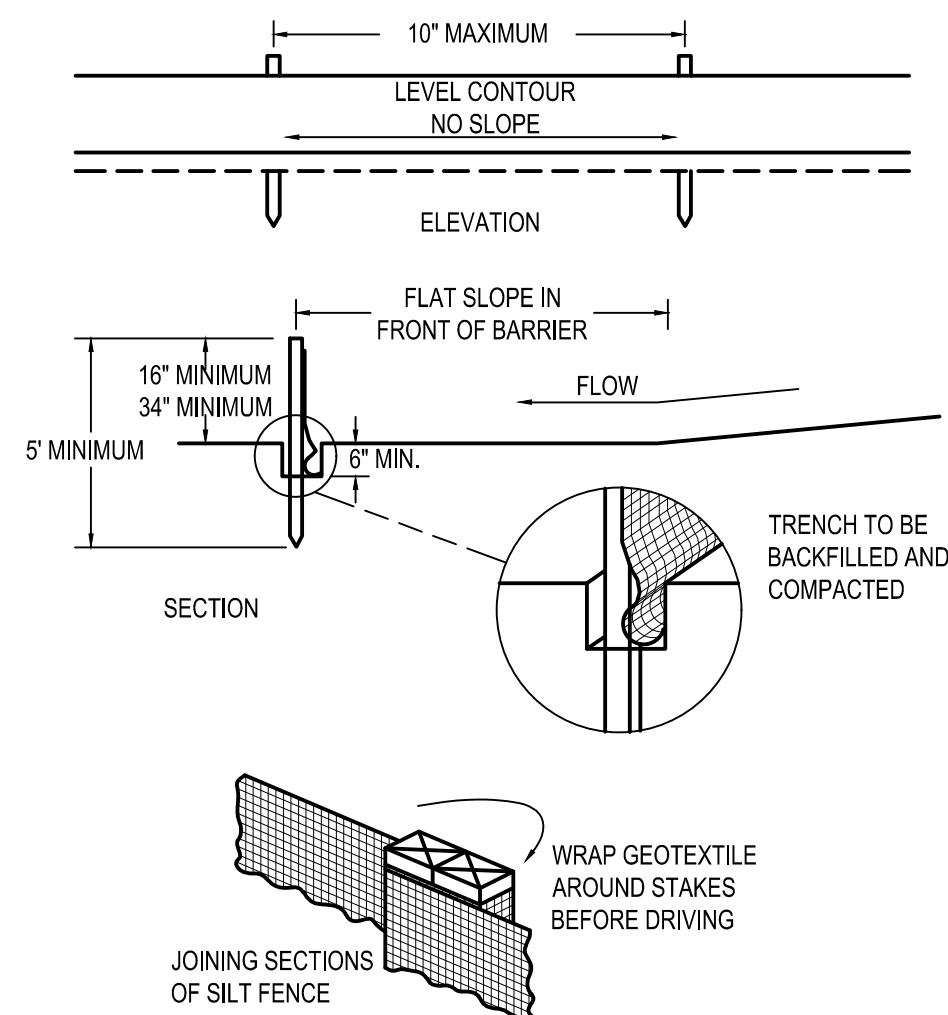
- STONE SIZE - NO. 2 STONE SHALL BE USED, OR RECYCLED CONCRETE EQUIVALENT.
- THE CONSTRUCTION ENTRANCE SHALL COINCIDE WITH THE PROPOSED DRIVE AS SHOWN ON THE PLAN.
- PAVEMENT THICKNESS - STONE LAYER SHALL BE 6" THICK FOR STANDARD DUTY ACTIVITY AND 10" THICK FOR HEAVY DUTY ACTIVITY.
- DRIVEWAY WIDTH - THE ENTRANCE SHALL BE AT LEAST 20' WIDE. CONTRACTOR SHALL ENSURE ALL VEHICLES UTILIZE THE CONSTRUCTION ENTRANCE UNTIL PAVEMENT IS IN PLACE.
- BEDDING-A GEOTEXTILE SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE. IT SHALL BE COMPOSED OF STRONG ROT-PROOF POLYMERIC FIBERS AND MEET THE SPECIFICATIONS SHOWN BELOW.
- CULVERT-A PIPE OR CULVERT SHALL BE CONSTRUCTED UNDER THE ENTRANCE IF NEEDED TO PREVENT SURFACE WATER FLOWING ACROSS THE ENTRANCE OR TO PREVENT RUNOFF FROM BEING DIRECTED OUT ONTO PAVED SURFACES.
- WATER BAR - A WATER BAR SHALL BE CONSTRUCTED AS PART OF THE CONSTRUCTION ENTRANCE IF NEEDED TO PREVENT SURFACE RUNOFF FROM FLOWING THE LENGTH OF THE CONSTRUCTION ENTRANCE AND OUT ONTO PAVED SURFACES.
- MAINTENANCE - TOP DRESSING OF ADDITIONAL STONE SHALL BE APPLIED AS CONDITIONS DEMAND. MUD SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC ROADS, OR ANY SURFACE WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS, SHALL BE REMOVED IMMEDIATELY. REMOVAL SHALL BE ACCOMPLISHED BY SCRAPING OR SWEEPING.
- CONSTRUCTION ENTRANCES SHALL NOT BE RELIED UPON TO REMOVE MUD FROM VEHICLES AND PREVENT OFF SITE TRACKING. VEHICLES THAT ENTER AND LEAVE THE CONSTRUCTION SHALL BE RESTRICTED FROM MUDDY AREAS.
- THE ENTRANCE SHALL REMAIN IN PLACE UNTIL THE DISTURBED AREA IS STABILIZED OR REPLACED WITH A PERMANENT ROADWAY OR ENTRANCE.

**NOTES:**

- SILT FENCE SHALL BE CONSTRUCTED BEFORE UPSLOPE LAND DISTURBANCE BEGINS.
- ALL SILT FENCE SHALL BE PLACED AS CLOSE TO THE CONTOUR AS POSSIBLE SO THAT WATER WILL NOT CONCENTRATE AT LOW POINTS IN THE FENCE AND SO THAT SMALL SWALES OR DEPRESSIONS WHICH MAY CARRY SMALL CONCENTRATED FLOWS TO THE SILT FENCE ARE DISSIPATED ALONG ITS LENGTH.
- TO PREVENT WATER PONDED BY THE SILT FENCE FROM FLOWING AROUND THE ENDS, EACH END SHALL BE CONSTRUCTED UPSLOPE SO THAT THE ENDS ARE AT A HIGHER ELEVATION.
- WHERE POSSIBLE, SILT FENCE SHALL BE PLACED ON THE FLATTEST AREA AVAILABLE.
- WHERE POSSIBLE, VEGETATION SHALL BE PRESERVED FOR 5 FT. (OR AS MUCH AS POSSIBLE) UPSLOPE FROM THE SILT FENCE. IF VEGETATION IS REMOVED, IT SHALL BE REESTABLISHED WITHIN 7 DAYS FROM THE INSTALLATION OF THE SILT FENCE.
- THE HEIGHT OF THE SILT FENCE SHALL BE A MINIMUM OF 16 IN. ABOVE THE ORIGINAL GROUND SURFACE.
- THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM 6 INCH OVERLAP, AND SECURELY SEALED.
- POSTS SHALL BE A MINIMUM OF 5 FEET LONG, 2 INCHES IN DIAMETER AND SPACED A MAXIMUM OF 10 FEET APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND. WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE, POST SPACING SHALL NOT EXCEED 6 FEET.
- THE SILT FENCE SHALL BE PLACED IN A TRENCH CUT A MINIMUM OF 6 INCHES DEEP. THE TRENCH SHALL BE CUT WITH A TRENCHER, CABLE LAYING MACHINE, OR OTHER SUITABLE DEVICE WHICH WILL ENSURE AN ADEQUATELY UNIFORM TRENCH DEPTH.
- THE SILT FENCE SHALL BE PLACED WITH THE STAKES ON THE DOWNSLOPE SIDE OF THE GEOTEXTILE AND SO THAT 8 IN. OF CLOTH ARE BELOW THE GROUND SURFACE. EXCESS MATERIAL SHALL LAY ON THE BOTTOM OF THE 6 IN. DEEP TRENCH. THE TRENCH SHALL BE BACKFILLED AND COMPACTED.
- WHEN EXTRA STRENGTH FILTER FABRIC AND CLOSER POST SPACING ARE USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED. IN SUCH A CASE, THE FILTER FABRIC IS STAPLED OR WIRED DIRECTLY TO THE POSTS.
- THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, AND 8 INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE. FILTER FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.
- SEAMS BETWEEN SECTION OF SILT FENCE SHALL BE OVERLAPPED WITH THE END STAKES OF EACH SECTION WRAPPED TOGETHER BEFORE DRIVING INTO THE GROUND.
- SILT FENCE SHALL ALLOW RUNOFF TO PASS ONLY AS DIFFUSE FLOW THROUGH THE GEOTEXTILE. IF RUNOFF OVERTOPS THE SILT FENCE, FLOWS UNDER OR AROUND THE ENDS, OR IN ANY OTHER WAY BECOMES A CONCENTRATED FLOW, ONE OF THE FOLLOWING SHALL BE PERFORMED, AS APPROPRIATE: A) THE LAYOUT OF THE SILT FENCE SHALL BE CHANGED, B) ACCUMULATED SEDIMENT SHALL BE REMOVED, OR C) OTHER PRACTICES SHALL BE INSTALLED.

**MAINTENANCE:**

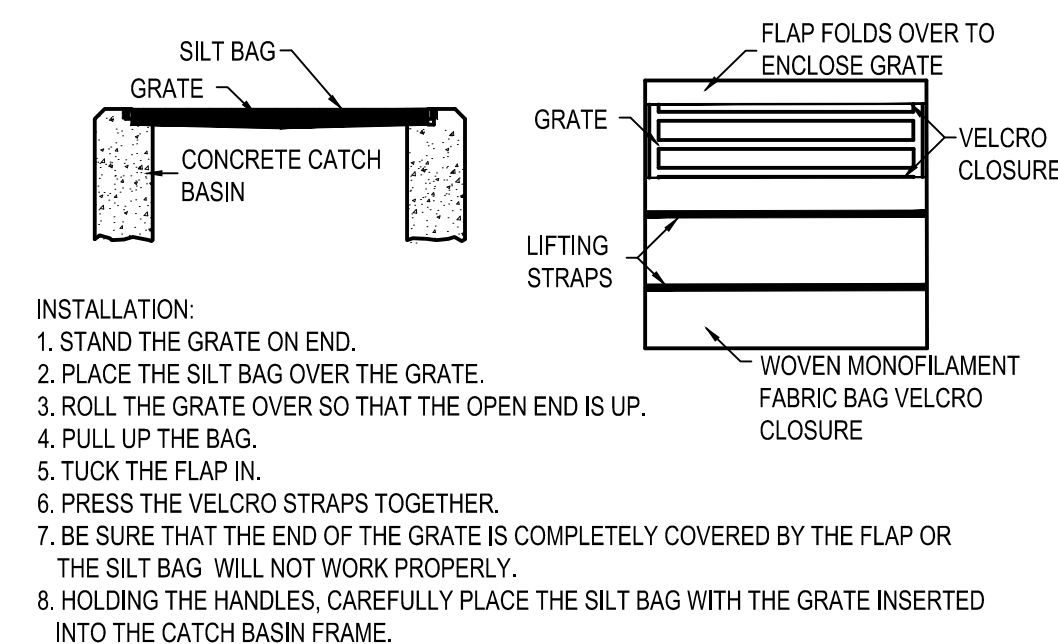
SILT FENCE SHOULD BE INSPECTED REGULARLY AND FREQUENTLY AS WELL AS AFTER EACH RAINFALL EVENT TO ENSURE THAT THEY ARE INTACT AND THERE ARE NO GAPS AT THE FENCE-GROUND INTERFACE OR TEARS ALONG THE LENGTH OF THE FENCE. IF GAPS OR TEARS ARE FOUND, THEY SHOULD BE REPAIRED OR THE FABRIC REPLACED IMMEDIATELY. ACCUMULATED SEDIMENTS SHOULD BE REMOVED FROM THE FENCE BASE WHEN THE SEDIMENT REACHES ONE-THIRD TO ONE-HALF THE HEIGHT OF THE FENCE. SEDIMENT REMOVAL SHOULD OCCUR MORE FREQUENTLY IF ACCUMULATED SEDIMENT IS CREATING NOTICEABLE STRAIN ON THE FABRIC AND THERE IS THE POSSIBILITY OF THE FENCE FAILING FROM A SUDDEN STORM EVENT. WHEN THE SILT FENCE IS REMOVED, THE ACCUMULATED SEDIMENT SHOULD BE REMOVED.



**CRITERIA FOR GEOTEXTILE FABRIC SILT FENCE, PER CURRENT STATE'S DOT SPECIFICATIONS.**

FABRIC PROPERTIES	VALUES	TEST METHOD
MINIMUM TENSILE STRENGTH	120 LB. MINIMUM	ASTM D 4632
MINIMUM BURST STRENGTH	200 PSI MINIMUM	
MINIMUM PERMITTIVITY	1x10 <sup>-2</sup> sec <sup>-1</sup>	ASTM D 4491
APPARENT OPENING SIZE	AOS < 0.84 mm	ASTM D 4751
UV EXPOSURE STRENGTH RETENTION	70%	ASTM G 4335
MAXIMUM ELONGATION AT 60 LBS.	50%	ASTM D 4632
MINIMUM PUNCTURE STRENGTH	50 LBS (220N)	ASTM D 4833
MINIMUM TEAR STRENGTH	40 LBS (180N)	ASTM D 4533

**B2 SILT FENCE**  
N.T.S.



**INSTALLATION:**

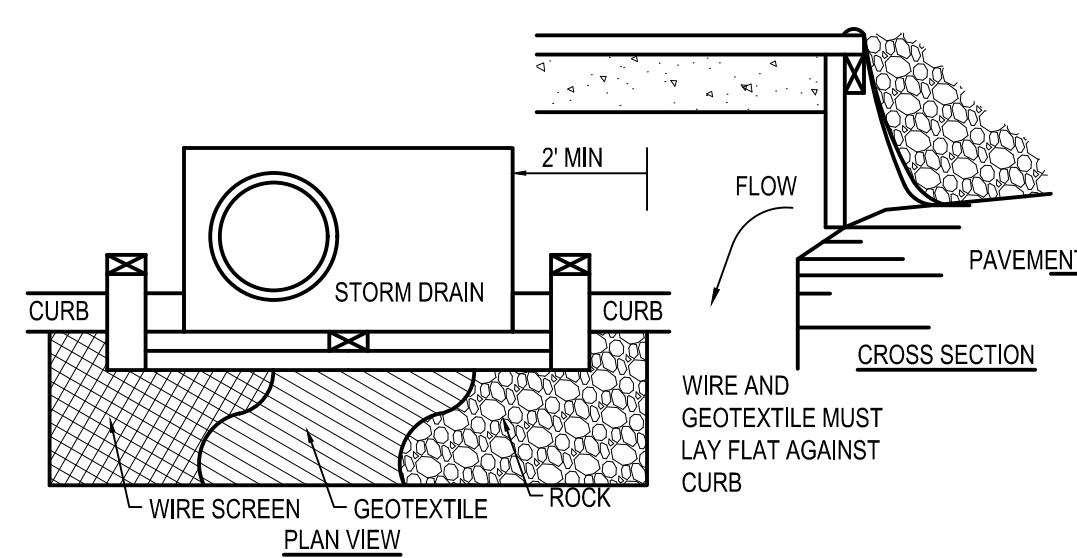
- STAND THE GRATE ON END.
- PLACE THE SILT BAG OVER THE GRATE.
- ROLL THE GRATE OVER SO THAT THE OPEN END IS UP.
- PULL UP THE BAG.
- TUCK THE FLAP IN.
- PRESS THE VELCRO STRAPS TOGETHER.
- BE SURE THAT THE END OF THE GRATE IS COMPLETELY COVERED BY THE FLAP OR THE SILT BAG WILL NOT WORK PROPERLY.
- HOLDING THE HANDLES, CAREFULLY PLACE THE SILT BAG WITH THE GRATE INSERTED INTO THE CATCH BASIN FRAME.

**MAINTENANCE:**  
TO ENSURE PROPER OPERATION REMOVE SILT, SEDIMENT, AND DEBRIS FROM THE SURFACE AND THE VICINITY OF THE UNIT WITH A SQUARE POINT SHOVEL OR STIFF BRISTLE BROOM AWAY FROM ENVIRONMENTALLY SENSITIVE AREAS AND WATERWAYS IN MANNER SATISFACTORY TO THE ENGINEER/INSPECTOR. REMOVE FINE MATERIAL FROM INSIDE SILT BAG AS NEEDED. DISPOSE OF SILT BAG NO LONGER IN USE AT AN APPROPRIATE RECYCLING OR SOLID WASTE FACILITY.

**INLET INSPECTION:**  
TO INSPECT INLET, REMOVE SILT BAG WITH GRATE INSIDE, INSPECT CATCH BASIN AND REPLACE SILT BAG BACK INTO GRATE FRAME.

**NOTE:**  
PONDING IS LIKELY IF SEDIMENT IS NOT REMOVED REGULARLY. THE SILT BAG MUST NEVER BE USED WHERE OVERFLOW MAY ENDANGER AN EXPOSED SLOPE.

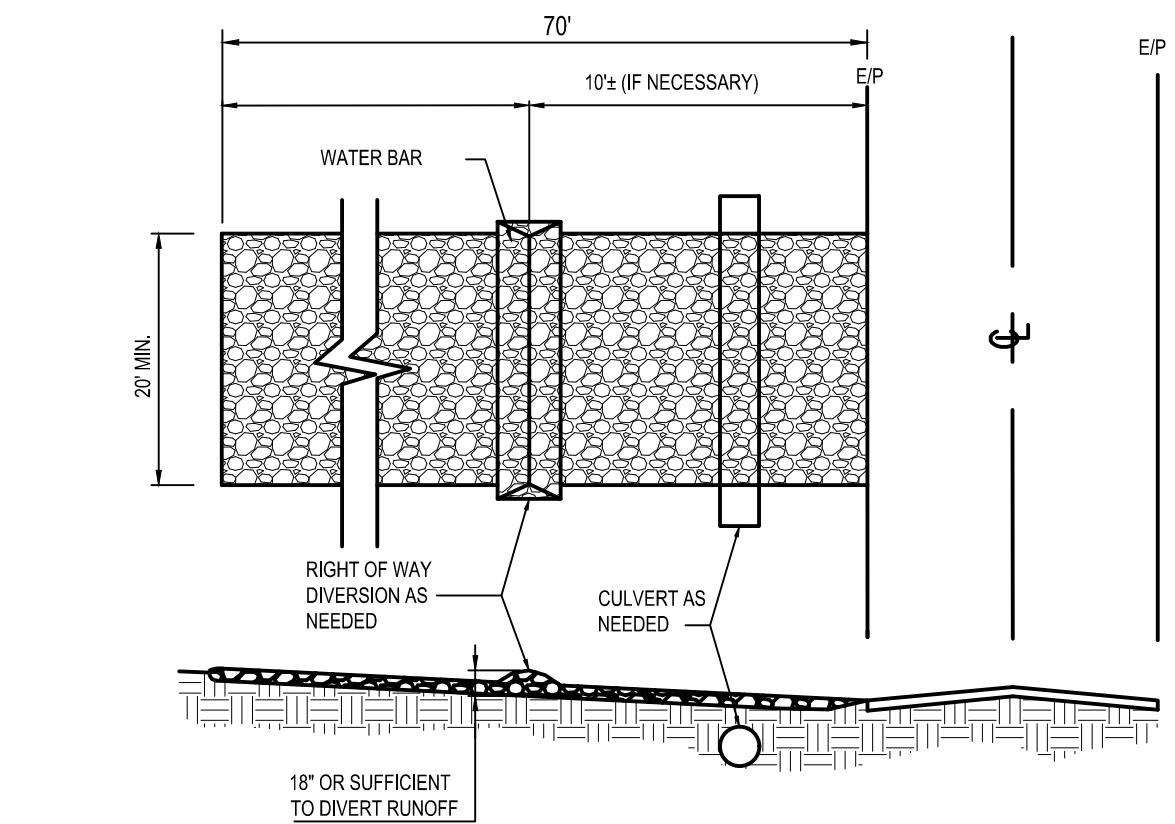
**A2 SILT BAG PROTECTION**  
N.T.S.



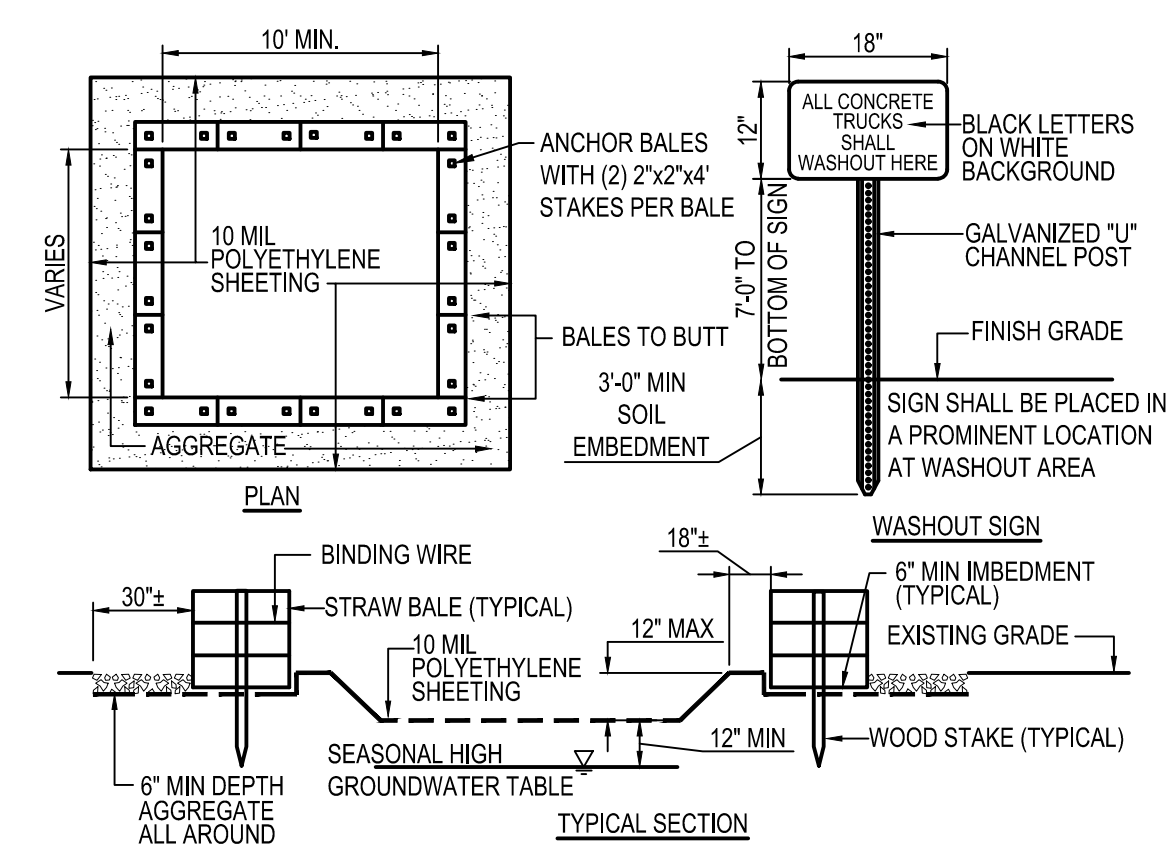
**INSTALLATION:**

- INLET PROTECTION SHALL BE CONSTRUCTED EITHER BEFORE UPSLOPE LAND DISTURBANCE BEGINS OR BEFORE THE INLET BECOMES FUNCTIONAL.
- CONSTRUCT A WOODEN FRAME OF 2-BY-4-IN. CONSTRUCTION-GRADE LUMBER. THE END SPACERS SHALL BE A MINIMUM OF 1 FT. BEYOND BOTH ENDS OF THE THROAT OPENING. THE ANCHORS SHALL BE NAILED TO 2-BY-4-IN. STAKES DRIVEN ON THE OPPOSITE SIDE OF THE CURB.
- THE WIRE MESH SHALL BE OF SUFFICIENT STRENGTH TO SUPPORT FABRIC AND STONE. IT SHALL BE A CONTINUOUS PIECE WITH A MINIMUM WIDTH OF 30 IN. AND 4 FT. LONGER THAN THE THROAT LENGTH OF THE INLET, 2 FT. ON EACH SIDE.
- GEOTEXTILE CLOTH SHALL HAVE AN EQUIVALENT OPENING SIZE (EOS) OF 20-40 SIEVE AND BE RESISTANT TO SUNLIGHT. IT SHALL BE AT LEAST THE SAME SIZE AS THE WIRE MESH.
- THE WIRE MESH AND GEOTEXTILE CLOTH SHALL BE FORMED TO THE CONCRETE GUTTER AND AGAINST THE FACE OF THE CURB ON BOTH SIDES OF THE INLET AND SECURELY FASTENED TO THE 2-BY-4-IN. FRAME.
- TWO-INCH STONE SHALL BE PLACED OVER THE WIRE MESH AND GEOTEXTILE IN SUCH A MANNER AS TO PREVENT WATER FROM ENTERING THE INLET UNDER OR AROUND THE GEOTEXTILE CLOTH.
- THIS TYPE OF PROTECTION MUST BE INSPECTED FREQUENTLY AND THE STONE AND/OR GEOTEXTILE REPLACED WHEN CLOGGED WITH SEDIMENT.

**A3 CURB INLET PROTECTION**  
N.T.S.



**B4 TEMPORARY STABILIZED CONSTRUCTION ENTRANCE**  
N.T.S.



**NOTES:**

- CONTAINMENT MUST BE STRUCTURALLY SOUND AND LEAK FREE AND CONTAIN ALL LIQUID WASTES.
- CONTAINMENT DEVICES MUST BE OF SUFFICIENT QUANTITY OR VOLUME TO COMPLETELY CONTAIN THE LIQUID WASTES GENERATED.
- WASHOUT MUST BE CLEANED OR NEW FACILITIES CONSTRUCTED AND READY TO USE ONCE WASHOUT IS 75% FULL.
- WASHOUT AREA(S) SHALL BE INSTALLED IN A LOCATION EASILY ACCESSIBLE BY CONCRETE TRUCKS.
- ONE OR MORE AREAS MAY BE INSTALLED ON THE CONSTRUCTION SITE AND MAY BE RELOCATED AS CONSTRUCTION PROGRESSES.
- AT LEAST WEEKLY REMOVE ACCUMULATION OF SAND AND AGGREGATE AND DISPOSE OF PROPERLY.

**A4 CONCRETE WASHOUT AREA**  
N.T.S.

**COMPOST SOCK FABRIC MINIMUM SPECIFICATIONS**

MATERIAL TYPE	3 mil HDPE	5 mil HDPE	5 mil HDPE	MULTI-FILAMENT POLYPROPYLENE (MFPP)	HEAVY DUTY MULTI-FILAMENT POLYPROPYLENE (MFPP)
MATERIAL CHARACTERISTICS	PHOTO-DEGRADABLE	PHOTO-DEGRADABLE	BIO-DEGRADABLE	PHOTO-DEGRADABLE	PHOTO-DEGRADABLE
SOCK DIAMETERS	12\"/>				

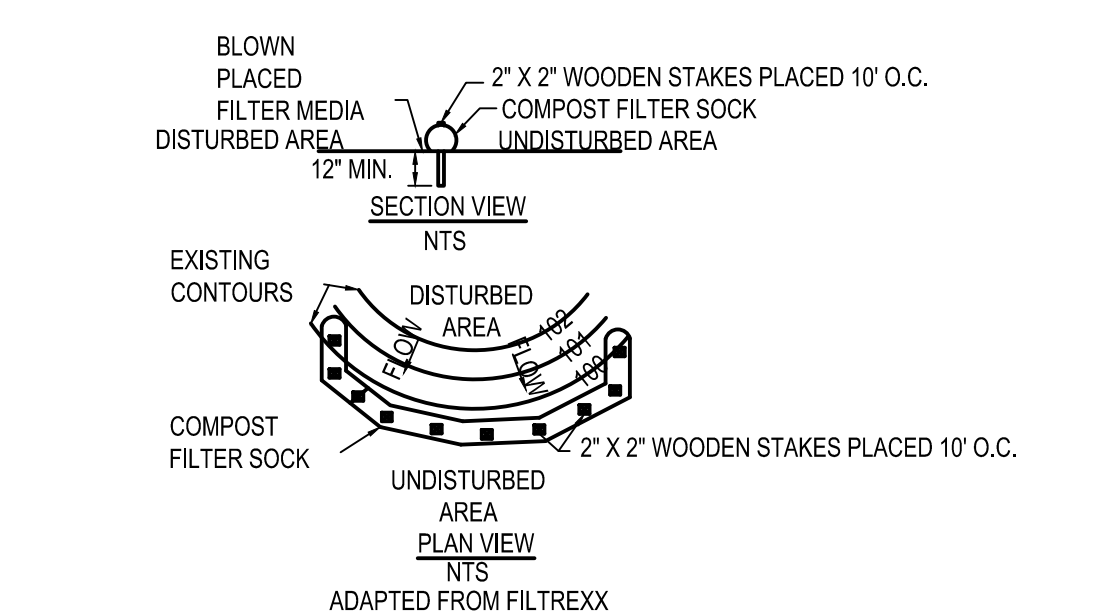
**TWO-PLY SYSTEMS**

INNER CONTAINMENT NETTING	HOPE BIAXIAL NET CONTINUOUSLY WOUND FUSION-WELDED JUNCTURES 3/4\"/>
OUTER FILTRATION MESH	COMPOSITE POLYPROPYLENE FABRIC (WOVEN LAYER & NON-WOVEN FLEECE MECHANICALLY FUSED VIA NEEDLE PUNCH) 3/16\"/>

SOCK FABRICS COMPOSED OF BURLAP MAY BE USED ON PROJECTS LASTING 6 MONTHS OR LESS

COMPOST SHALL MEET THE FOLLOWING STANDARDS:

ORGANIC MATTER CONTENT	80% - 100% (DRY WEIGHT BASIS)
ORGANIC PORTION	FIBROUS AND ELONGATED
pH	5.5 - 8.0
MOISTURE CONTENT	35% - 55%
PARTICLE SIZE	98% PASS THROUGH 1\"/>



**INSTALLATION:**

- COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF THE SOCK SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN SOCK ALIGNMENT. TRAFFIC SHALL NOT BE PERMITTED TO CROSS FILTER SOCKS.
- ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE ABOVE GROUND HEIGHT OF THE SOCK AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.
- SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH 1/2 INCH STORM RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.
- BIODEGRADABLE FILTER SOCK SHALL BE REPLACED AFTER 6 MONTHS; PHOTODEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCK, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.

**A1 COMPOST FILTER SOCK**  
N.T.S.

DATE	REMARKS

CONTRACT DATE: \_\_\_\_\_  
BUILDING TYPE: END 20  
PLAN VERSION: \_\_\_\_\_  
BRAND DESIGNER: \_\_\_\_\_  
SITE NUMBER: \_\_\_\_\_  
STORE NUMBER: \_\_\_\_\_  
PA/PM: AB  
DRAWN BY: KK  
JOB NO.: 2020188.06

**TACO BELL**  
3039 DIXIE HWY.  
EDGEWOOD, KY 41017



END 20  
SWPP  
DETAILS

**C-011**  
PLOT DATE: \_\_\_\_\_



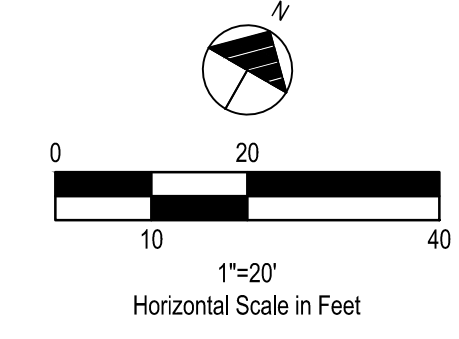
520 South Main Street, Suite 2531  
Akron, OH 44311  
330.572.2100 Fax 330.572.2101

**SWPP KEYNOTES**

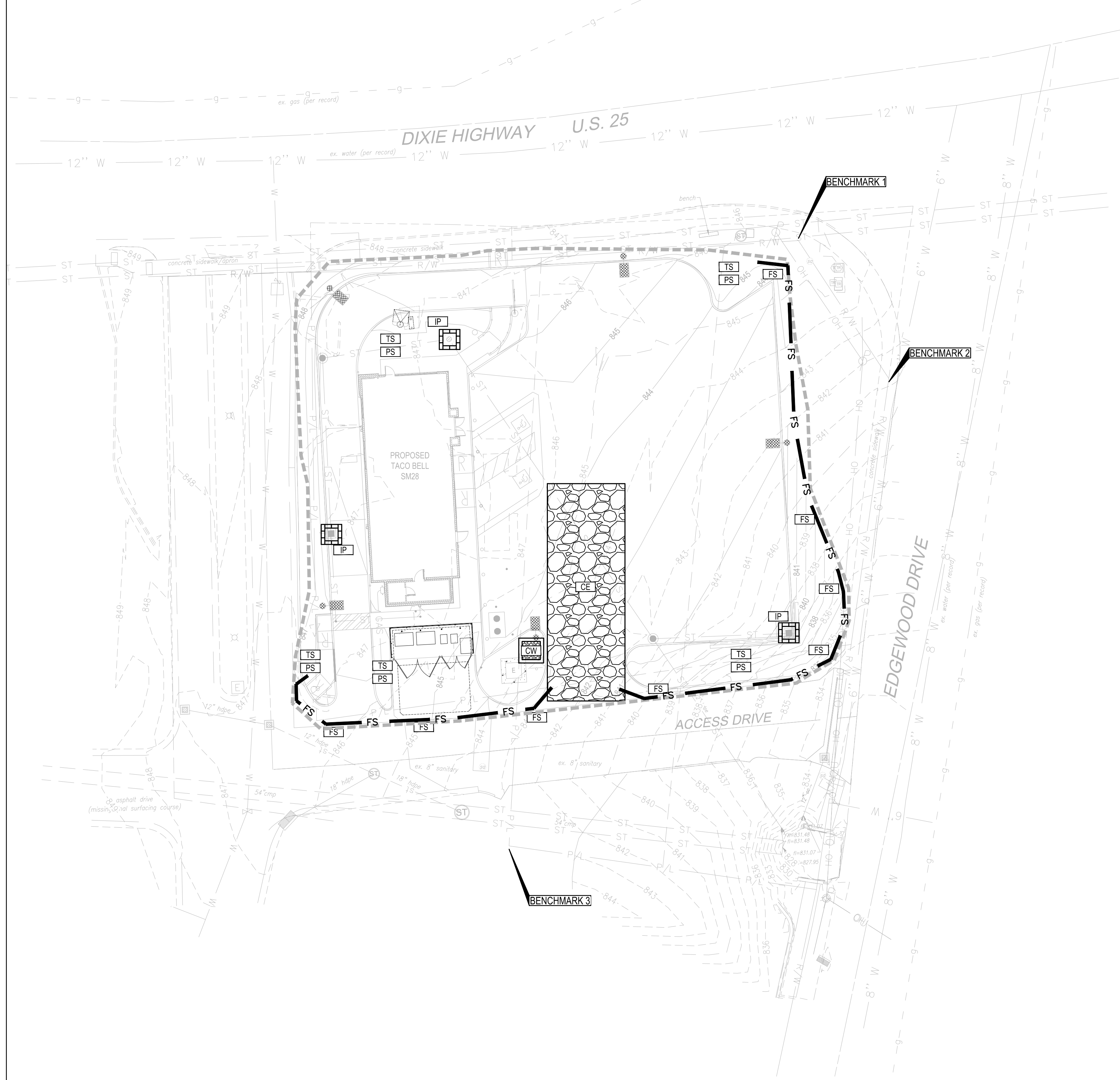
- CW** CONCRETE WASHOUT AREA
- IP** INLET PROTECTION
- TS** TEMPORARY SEEDING
- PS** PERMANENT SEEDING
- CW** CONCRETE WASHOUT AREA
- CE** CONSTRUCTION ENTRANCE
- FS** FILTER SOCK

**LEGEND**

- (SEE SHEET C-000 FOR GENERAL LEGEND)
- PROPOSED SILT BARRIER REFER TO SWPP DETAILS
  - PROPOSED COMPOST FILTER SOCK REFER TO SWPP DETAILS
  - PROPOSED SILT FENCE REFER TO SWPP DETAILS
  - PROPOSED CONCRETE WASHOUT FACILITY REFER TO SWPP DETAILS
  - PROPOSED CONSTRUCTION ENTRANCE REFER TO SWPP DETAILS
  - LIMITS OF DISTURBANCE = 0.55 AC.



**CONCRETE WASHOUT**  
CONTRACTOR SHALL PLACE CONCRETE WASHOUT ONSITE AS NEEDED. CONCRETE WASHOUT FACILITIES SHALL BE LOCATED A MINIMUM OF 50' FROM STORM DRAIN INLETS, OPEN DRAINAGE FACILITIES AND WATERCOURSE



**CONSTRUCTION SEQUENCE**

1. DURING PRECONSTRUCTION MEETING ALL EROSION & SEDIMENT CONTROL FACILITIES & PROCEDURES SHALL BE DISCUSSED. A GENERAL CONSTRUCTION SEQUENCE FOLLOWS AND MAY NEED TO BE UPDATED BY THE CONTRACTOR TO SUIT THE SPECIFICS OF THE SITE AND INTENDED CONTRACTOR SPECIFIC SEQUENCING.
  - 1.1. INSTALL CONSTRUCTION ENTRANCE AS DETAILED ON PLANS. TEMPORARY CONSTRUCTION FENCING SHALL BE INSTALLED AROUND PERIMETER OF CONSTRUCTION SITE. WHERE THERE IS EXISTING FENCE ALONG THE PERIMETER OF THE SITE, IT CAN BE UTILIZED. FENCING SHALL BE USED TO RESTRICT OUTSIDE TRAFFIC TO SITE.
  - 1.2. DELIVER CONSTRUCTION TRAILER TO SITE AND INSTALL TEMPORARY POWER AND TELEPHONE, IF REQUIRED. TEMPORARY UTILITY SERVICES ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
  - 1.3. STAKE AND/OR FLAG LIMITS OF CLEARING.
  - 1.4. CLEAR & GRUB, AS NECESSARY, FOR INSTALLATION OF PERIMETER CONTROLS. INSTALL SILT PERIMETER CONTROLS AS SHOWN ON PLANS. SILT PERIMETER CONTROLS SHALL BE INSTALLED LEVEL, ALONG THE CONTOURS, WITH ENDS TURNED UPSLOPE TO PREVENT CONCENTRATED FLOW AT THE SILT PERIMETER CONTROLS.
  - 1.5. INSTALL TEMPORARY SILT INLET PROTECTION ON ALL EXISTING CATCH BASINS AND INLETS, AS DESIGNATED IN THE PLANS. REMOVAL OF SILT INLET PROTECTION FROM DESIGNATED INLETS CAN ONLY OCCUR WHEN A STRUCTURE IS REMOVED, AND AS REQUIRED BY THE PROGRESSION OF THE DEMOLITION AND CONSTRUCTION.
  - 1.6. CLEAR & GRUB, AS NECESSARY, FOR INSTALLATION OF TEMPORARY SEDIMENT TRAP/BASIN. INSTALL TEMPORARY SEDIMENT TRAP/BASIN, IF REQUIRED, AS DETAILED IN THE PLANS. CONSTRUCT AND MAINTAIN TEMPORARY DIVERSION SWALE AND / OR DIVERSION BERM DURING FILLING & GRADING ACTIVITIES.
  - 1.7. CLEAR & GRUB THE REMAINING SITE AS NECESSARY. TOPSOIL SHALL BE STRIPPED AND STOCKPILED ON SITE FOR REUSE, OR REMOVED TO AN APPROVED OFFSITE SPOIL AREA.
  - 1.8. UTILIZE DUST CONTROL MEASURES AS REQUIRED TO MINIMIZE AIR-BORNE POLLUTION BY METHODS APPROVED BY THE AUTHORIZING EPA OFFICE.
  - 1.9. BEGIN FILLING & GRADING AS REQUIRED TO REACH SUBGRADE.
  - 1.10. BEGIN BUILDING CONSTRUCTION.
  - 1.11. ONCE PAVEMENT GRADES HAVE BEEN ESTABLISHED, AS DESIGNATED ON THE PLANS, THE CONTRACTOR SHALL UTILIZE THESE AREAS FOR STRUCTURE CONSTRUCTION. CONSTRUCT UNDERGROUND UTILITY WORK INCLUDING STORM DRAINAGE FACILITIES. UPON INSTALLATION OF STORM DRAINAGE CATCH BASINS, YARD DRAINS AND INLETS, INSTALL REQUIRED INLET PROTECTION.
  - 1.12. DO NOT REPLACE ANY TOPSOIL, SEED OR INSTALL FINAL PAVEMENT PRIOR TO COMPLETION OF BUILDING SHELL. SHOULD SITEWORK BE COMPLETED PRIOR TO THIS DATE, MULCH DISTURBED AREAS TO BE PLANTED AND INSTALL STONE SUBBASE IN DISTURBED AREAS TO BE PAVED.
  - 1.13. FOLLOWING COMPLETION OF BUILDING SHELL AND PAVEMENT INSTALLATION, BEGIN LANDSCAPE INSTALLATION.
  - 1.14. COMPLETE SITEWORK. PAVEMENT MARKINGS AND FINAL CLEAN-UP. RESEED ANY AREAS THAT MAY REQUIRE ATTENTION IMMEDIATELY. NOTE THAT LAWN AREAS WILL NOT BE DEEMED STABLE UNTIL A MINIMUM 80% VEGETATIVE DENSITY HAS BEEN ACHIEVED.
  - 1.15. MAINTAIN EROSION & SEDIMENTATION CONTROL MEASURES UNTIL THE SITE HAS BEEN COMPLETELY STABILIZED. ALL AREAS OF VEGETATIVE SURFACE, WHETHER PERMANENT OR TEMPORARY, SHALL BE CONSIDERED TO BE IN PLACE AND FUNCTIONAL WHEN THE REQUIRED UNIFORM RATE OF COVERAGE (80%) IS OBTAINED.
  - 1.17. REMOVE SEDIMENT CONTROLS.

**PROJECT DESCRIPTION**

THE EXISTING PROJECT SITE IS CURRENTLY A PNC BANK THAT WILL BE DEMOLISHED TO ACCOMMODATE THE PROPOSED DEVELOPMENT. A TACO BELL RESTAURANT, PROPOSED CONSTRUCTION WILL CONSIST OF A NEW TACO BELL RESTAURANT, PARKING LOT AND DRIVES, SITE LIGHTING AND OTHER ASSOCIATED SITE AMENITIES.

**PROJECT COMPLETION STATISTICS**

PARCEL SIZE :	0.56 ACRES
TOTAL DISTURBED AREA:	0.55 ACRES
EXISTING LAND USE FOR THE SITE IS TRANSECT ZONE 5.	
ESTIMATED PRE-CONSTRUCTION IMPERVIOUS AREA:	0.27 ACRES
ESTIMATED PRE-CONSTRUCTION IMPERVIOUS PERCENT:	48.2%
PRE-CONSTRUCTION RUN-OFF COEFFICIENT:	0.62
PROPOSED LAND USE WILL BE TRANSECT ZONE 5.	
ESTIMATED POST-CONSTRUCTION IMPERVIOUS AREA:	0.42 ACRES
ESTIMATED POST-CONSTRUCTION IMPERVIOUS PERCENT:	75.0%
POST-CONSTRUCTION RUN-OFF COEFFICIENT:	0.76

**PROJECT LOCATION:**

LATITUDE: 39.0218° LONGITUDE: -84.5860°

**EXISTING SITE SOIL TYPES:**

Fd: FAYWOOD SILTY CLAY LOAM , HYDROLOGIC SOIL GROUP C

REFERENCE: USDA NATIONAL RESOURCES CONSERVATION SERVICE WEB SOIL SURVEY.

**WETLAND INFORMATION:**

THERE ARE NO KNOWN WETLANDS ON THIS SITE.

**FIRST AND SUBSEQUENT RECEIVING STREAM:**

INITIAL RECEIVING WATER IS CITY STORM SEWER AND THE SUBSEQUENT RECEIVING WATER IS THE OHIO RIVER.

**NATIONAL FLOOD HAZARD INFORMATION:**

THIS SITE IS NOT LOCATED WITHIN A NATIONAL FLOOD HAZARD ZONE.

MAP: 21117C0015F

**POST CONSTRUCTION WQv/BMP DESCRIPTION**

THROUGH DISCUSSIONS WITH THE SANITATION DISTRICT 1 OF NORTHERN KENTUCKY, IT WAS DETERMINED THAT DETENTION AND WATER QUALITY ARE NOT REQUIRED FOR THIS PROJECT. THIS IS DUE TO THE PROJECT HAVING A LAND DISTURBANCE AREA OF LESS THAN AN ACRE. THE DISTURBANCE AREA FOR THIS PROJECT WILL BE 0.55 ACRES.

**OWNER CONTACT:**

DAN PEYTON  
DIRECTOR OF CONSTRUCTION & DEV.  
AMPLER DEVELOPMENT  
DPEYTON@AMPLERGROUP.COM

**ANTICIPATED TIMING:**

CONSTRUCTION BEGINS: TBD  
CONSTRUCTION COMPLETE: TBD

**CONTRACTOR: T.B.D.**

CONTACT: \_\_\_\_\_  
PHONE NUMBER: \_\_\_\_\_

CONTRACTOR SHALL MAINTAIN A CONSTRUCTION LOG DOCUMENTING ALL GRADING AND STABILIZATION ACTIVITIES.

**BENCHMARKS:**  
BENCHMARK #1 - IRON PIN  
N 554524.63, E 1544999.71  
ELEVATION=845.46  
  
BENCHMARK #2 - MAGNAIL AND WASHER  
N 554500.67, E 1545047.08  
ELEVATION=841.24  
  
BENCHMARK #3 - MAGNAIL AND WASHER  
N 554309.21, E 1545016.23  
ELEVATION=844.22

DATE	REMARKS

CONTRACT DATE: \_\_\_\_\_  
BUILDING TYPE: END 20  
PLAN VERSION: \_\_\_\_\_  
BRAND DESIGNER: \_\_\_\_\_  
SITE NUMBER: \_\_\_\_\_  
STORE NUMBER: \_\_\_\_\_  
PA/PM: AB  
DRAWN BY.: KK  
JOB NO.: 2020188.06

**TACO BELL**

3039 DIXIE HWY.  
EDGEWOOD, KY 41017



END 20  
SWPP  
PLAN

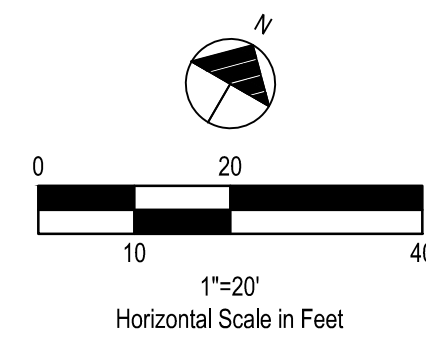


**C-012**

PLOT DATE: \_\_\_\_\_

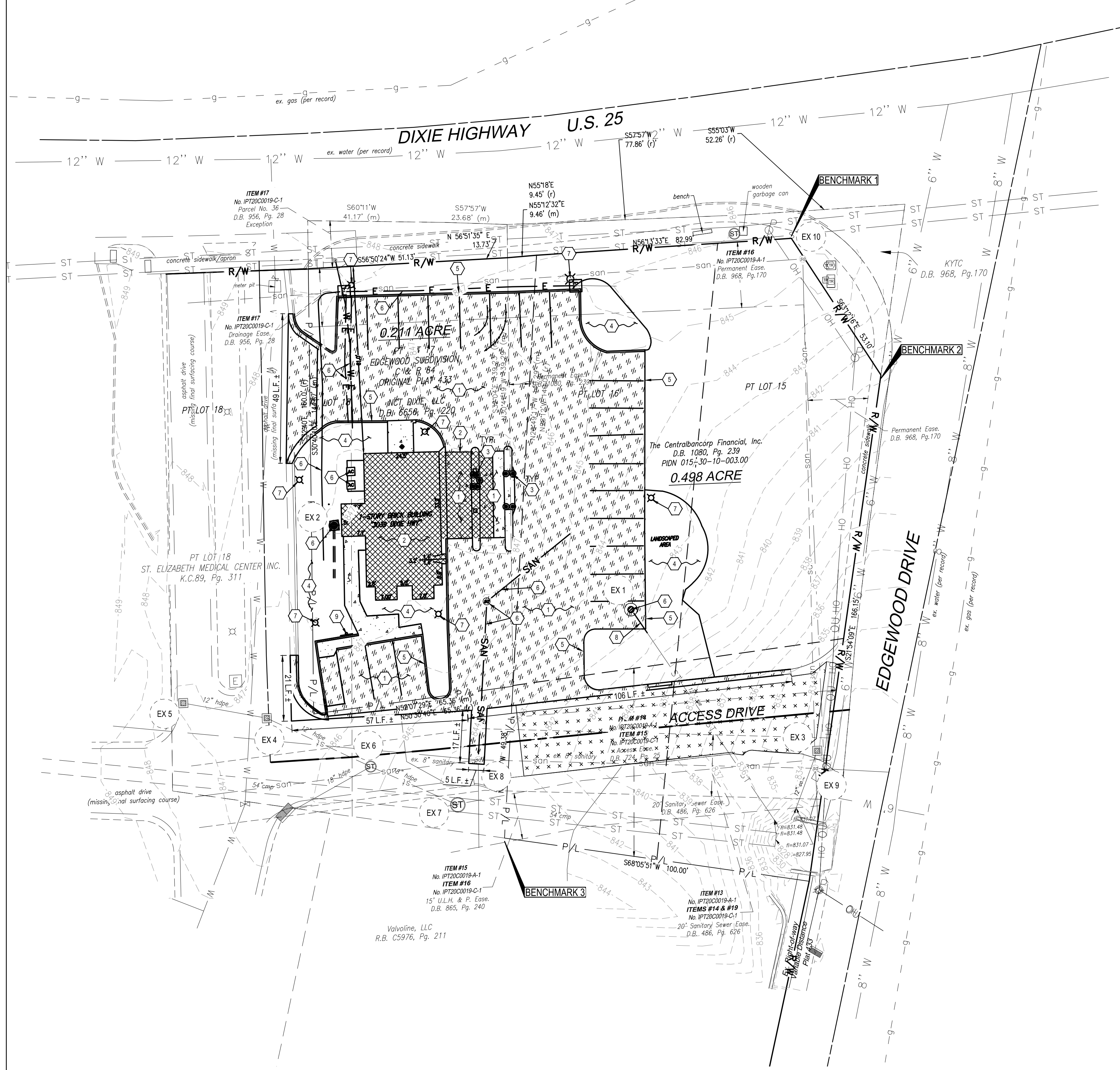


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**PLAN KEYNOTES** (Ⓝ)

- EXISTING PAVEMENT TO BE REMOVED. SEE LEGEND FOR TYPE.
- EXISTING BUILDING TO BE REMOVED. CONTRACTOR SHALL REMOVE FOUNDATIONS AND SLABS AS FOUND IN THE FIELD AND BACKFILL AREAS AS RECOMMENDED AND OBSERVED BY THE ON SITE GEOTECHNICAL ENGINEER.
- EXISTING POST TO BE REMOVED.
- EXISTING LANDSCAPING (INCLUDING BUSHES, TREES, ETC.) TO BE REMOVED AS REQUIRED FOR PROPOSED IMPROVEMENTS.
- EXISTING CURB TO BE REMOVED.
- EXISTING UTILITIES TO BE REMOVED.
- EXISTING LIGHT POLE TO BE REMOVED.
- EXISTING PORTION OF EXISTING STORM SEWER TO BE REMOVED, APPROXIMATELY 8 LF. SEE SHEET C-131 FOR UTILITY INFORMATION.
- EXISTING SIGNAGE TO BE REMOVED.



STRICT. ID	STRUCTURE DETAILS
EX 1	EXISTING CATCH BASIN RIM = 842.56 12" HDPE (SE) = 834.86
EX 2	EXISTING CATCH BASIN RIM = 846.58 6"(S) = 844.18
EX 3	EXISTING CATCH BASIN RIM = 833.20 12" RCP (S) = 831.40
EX 4	EXISTING CATCH BASIN RIM = 846.59 12" HDPE (W) = 842.66 12" HDPE (E) = 842.42
EX 5	EXISTING CATCH BASIN RIM = 846.81 12" HDPE (E) = 844.31
EX 6	EXISTING STORM SEWER MANHOLE RIM = 845.39 18" HDPE (SW, SE) = 839.69 12" HDPE (NW) (S) = 839.69
EX 7	EXISTING STORM SEWER MANHOLE RIM = 845.46 NO INVERT DATA
EX 8	EXISTING SANITARY SEWER MANHOLE RIM = 843.61 8" (W,E) = 825.59
EX 9	EXISTING SANITARY SEWER MANHOLE RIM = 833.90 8" (W,E) = 824.50
EX 10	EXISTING SANITARY SEWER MANHOLE RIM = 845.19 8" (W,S) = 828.99

**DEMOLITION NOTE:**  
ALL EXISTING SITE AND SURROUNDING FEATURES SUCH AS UTILITIES, PAVEMENT, CURB, LANDSCAPING, ETC. SHALL REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION UNLESS NOTED OTHERWISE, OR ARE REQUIRED TO BE MODIFIED OR REMOVED FOR THE INSTALLATION OF PROPOSED IMPROVEMENTS. ALL DISTURBED FEATURES SHALL BE RESTORED OR RELOCATED AS REQUIRED TO THE SATISFACTION OF THE OWNER. CONTRACTOR SHALL REPAIR/REPLACE ANY SURROUNDING FEATURES DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST AND TO THE SATISFACTION OF THE OWNER.

**LEGEND**  
(SEE SHEET C-000 FOR GENERAL LEGEND)

- EXISTING ASPHALT TO BE REMOVED
- EXISTING CONCRETE TO BE REMOVED
- EXISTING BUILDING TO BE REMOVED
- EXISTING ASPHALT PAVEMENT TO BE MILLED AND OVERLAYED 1.5"
- DENOTES LIMITS OF SAWCUT
- DEMOLITION KEYNOTE

**BENCHMARKS:**  
BENCHMARK #1 - IRON PIN  
N 554524.63, E 1544999.71  
ELEVATION=845.46  
  
BENCHMARK #2 - MAGNAIL AND WASHER  
N 554500.67, E 1545047.08  
ELEVATION=841.24  
  
BENCHMARK #3 - MAGNAIL AND WASHER  
N 554309.21, E 1545016.23  
ELEVATION=844.22

DATE	REMARKS

CONTRACT DATE: \_\_\_\_\_  
BUILDING TYPE: \_\_\_\_\_ END 20  
PLAN VERSION: \_\_\_\_\_  
BRAND DESIGNER: \_\_\_\_\_  
SITE NUMBER: \_\_\_\_\_  
STORE NUMBER: \_\_\_\_\_  
PA/PM: \_\_\_\_\_ AB  
DRAWN BY: \_\_\_\_\_ KK  
JOB NO.: \_\_\_\_\_ 2020188.06

**TACO BELL**

3039 DIXIE HWY.  
EDGEWOOD, KY 41017



END 20  
DEMO  
PLAN



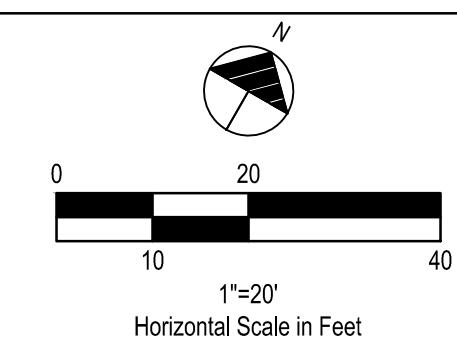
**C-101**

PLOT DATE: \_\_\_\_\_





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- PLAN KEYNOTES** (#)
- PROPOSED P.C.C. CURB, SEE SHEET C-501.
  - PROPOSED CURB AT DRIVE THRU, SEE SHEET C-501.
  - PROPOSED P.C.C. CURBED WALK, SEE SHEET C-501.
  - PROPOSED P.C.C. WALK, SEE SHEET C-501.
  - PROPOSED P.C.C. PAVEMENT W/ W.W.F. 6" x 6"-W2.9 x W2.9 (CONTROL JTS. 12'-0" O.C.) OVER 6" CRUSHED AGGREGATE OR GRAVEL BASE. APPLY LIQUID ASPHALT AT ALL JOINTS BETWEEN CONCRETE AND ASPHALT, SEE SHEET C-501 FOR DETAIL.
  - PROPOSED DETERRENT BOLLARD IN CURB, SEE SHEET C-501.
  - PROPOSED DETERRENT BOLLARD, SEE SHEET C-501.
  - PROPOSED ADA PARKING SIGN IN BOLLARD, SEE SHEET C-501.
  - PROPOSED LANDSCAPING AREA, SOD ALL DISTURBED AREAS EXCEPT WHERE PLANTING BEDS ARE INDICATED.
  - PROPOSED 'STOP' AND 'DO NOT ENTER' SIGN PER KYTC STANDARDS.
  - PROPOSED 'STOP' SIGN PER KYTC STANDARDS.
  - PROPOSED PAINTED TRANSVERSE STRIPING, SEE SHEET C-501.
  - PROPOSED PAINTED 4" WIDE SOLID STRIPE - WHITE ON ASPHALT, YELLOW ON CONCRETE, SEE SHEET C-501.
  - PROPOSED DIRECTIONAL PAVEMENT MARKINGS - WHITE ON ASPHALT, YELLOW ON CONCRETE, BLUE FOR ADA. CONTRACTOR TO OBTAIN STENCILS FROM PAVEMENT MARKINGS VENDOR FOR TEXT PAVEMENT MARKINGS, SEE SHEET C-501.
  - PROPOSED PAINTED 18" WIDE WHITE SOLID STRIPE STOP BAR.
  - PROPOSED PAINTED INTERNATIONAL ADA SYMBOL PER ADA SPECIFICATIONS, SEE SHEET C-501.
  - PROPOSED ADA ACCESSIBLE RAMP PER ADA SPECIFICATIONS, SEE SHEET C-502.
  - PROPOSED FROST SLAB AT DOOR. SEE STRUCTURAL PLANS FOR DETAIL.
  - PROPOSED GAS METER PER GAS COMPANY SPECIFICATIONS.
  - PROPOSED ELECTRICAL TRANSFORMER PER ELECTRICAL COMPANY SPECIFICATIONS. G.C. TO VERIFY EXACT LOCATION AND SIZE WITH UTILITY ENGINEER.
  - PROPOSED MENU BOARD, SPEAKER POST, AND CANOPY PER SIGN SUPPLIER SPECIFICATIONS. SIGN SUPPLIER TO PROVIDE A TEMPLATE FOR G.C. G.C. TO COORDINATE A MEETING WITH THE CONSTRUCTION/PROJECT MANAGER AND OPERATIONS TO VERIFY LOCATION AND PLACEMENT OF MENU BOARD, SPEAKER POST, AND CANOPY PRIOR TO ANY CONSTRUCTION. SIGN SUPPLIER SHALL PROVIDE G.C. WITH FOUNDATION DETAILS. G.C. RESPONSIBLE FOR SIGN FOUNDATIONS/ELECTRICAL. SEE SHEET C-502 FOR DETAIL.
  - PROPOSED EVOLUTION PORTAL CLEARANCE BAR "ORDER HERE". SEE SHEET C-502 FOR DETAIL.
  - PROPOSED WOODEN DUMPSTER ENCLOSURE ON P.C.C. PAD OVER CRUSHED AGGREGATE OR GRAVEL BASE. SEE ARCHITECTURAL PLANS. APPLY LIQUID ASPHALT AT ALL JOINTS BETWEEN CONCRETE AND ASPHALT.
  - PROPOSED 1,000 GALLON EXTERIOR GREASE INTERCEPTOR, SEE SHEET C-502.
  - PROPOSED SENSOR LOOP.
  - PROPOSED CURB AND GUTTER PER CITY OF EDGEWOOD SPECIFICATIONS.
  - PROPOSED HANDRAIL, SEE SHEET C-503.
  - PROPOSED UTILITY STRUCTURE SEE SHEET C-131 FOR INFORMATION.
  - PROPOSED MODULAR BLOCK RETAINING WALL SEE SHEET C-503.
  - PROPOSED CONCRETE COLLAR ON CATCH BASIN SEE SHEET C-503.
  - PROPOSED 2" CURB TAPER FROM 6" TO 0" SEE SHEET C-501.
  - PROPOSED CROSSWALK STRIPING, SEE SHEET C-501.
  - PROPOSED FREESTANDING CURB, SEE SHEET C-504.
  - PROPOSED TRANSITION FROM PROPOSED P.C.C. CURB TO EXISTING CURB AND GUTTER.
  - PROPOSED LIGHT POLE SEE ELECTRICAL PLANS FOR SPECIFICATIONS AND DETAILS.

- LEGEND**  
(SEE SHEET C-001 FOR GENERAL LEGEND)
- PROPOSED STANDARD DUTY ASPHALT SEE SHEET C-501.
  - PROPOSED HEAVY DUTY ASPHALT SEE SHEET C-501.
  - PROPOSED 1.5" ASPHALT MILL AND OVERLAY. APPLY KYTC ITEM 406 TACK COAT AND OVERLAY WITH KYTC ITEM 410 SURFACE COURSE 1.5" SEE SHEET C-504.
  - PROPOSED CONCRETE SEE SHEET C-501
  - CONSTRUCTION KEYNOTE (#)
  - PROPOSED PARKING SPACE NUMBER (00)
  - PROPOSED DRIVE THRU STACK CAR AND NUMBER (00)

BUILDING SETBACKS		
	REQUIRED	PROVIDED
FRONT: S.R. 25	50'	34.7'
FRONT: EDGEWOOD	50'	129.2'
SIDE: WEST	0'	14.7'
SIDE: SOUTH	0'	34.2'

PARKING SETBACKS		
	REQUIRED	PROVIDED
FRONT: S.R. 25	15'	11.9'
FRONT: EDGEWOOD	15'	18.6'
SIDE: WEST	0'	1.2'
SIDE: SOUTH	0'	11.8'

LAND USE DATA			
	% OF SITE AREA	AREA PROVIDED	
BUILDING	6.9%	0.04 AC.	
PAVEMENT/IMPERVIOUS	66.9%	0.37 AC.	
LANDSCAPING	26.2%	0.15 AC.	
<b>TOTAL</b>	<b>100%</b>	<b>0.56 AC.</b>	

CURRENT ZONING: SC (SHOPPING CENTER ZONE)

**BENCHMARKS:**  
 BENCHMARK #1 - IRON PIN  
 N 554524.63, E 1544999.71  
 ELEVATION=845.46  
  
 BENCHMARK #2 - MAGNAIL AND WASHER  
 N 554500.67, E 1545047.08  
 ELEVATION=841.24  
  
 BENCHMARK #3 - MAGNAIL AND WASHER  
 N 554309.21, E 1545016.23  
 ELEVATION=844.22



DATE	REMARKS

CONTRACT DATE: \_\_\_\_\_  
 BUILDING TYPE: \_\_\_\_\_ END 20  
 PLAN VERSION: \_\_\_\_\_  
 BRAND DESIGNER: \_\_\_\_\_  
 SITE NUMBER: \_\_\_\_\_  
 STORE NUMBER: \_\_\_\_\_  
 PA/PM: \_\_\_\_\_ AB  
 DRAWN BY: \_\_\_\_\_ KK  
 JOB NO.: \_\_\_\_\_ 2020188.06

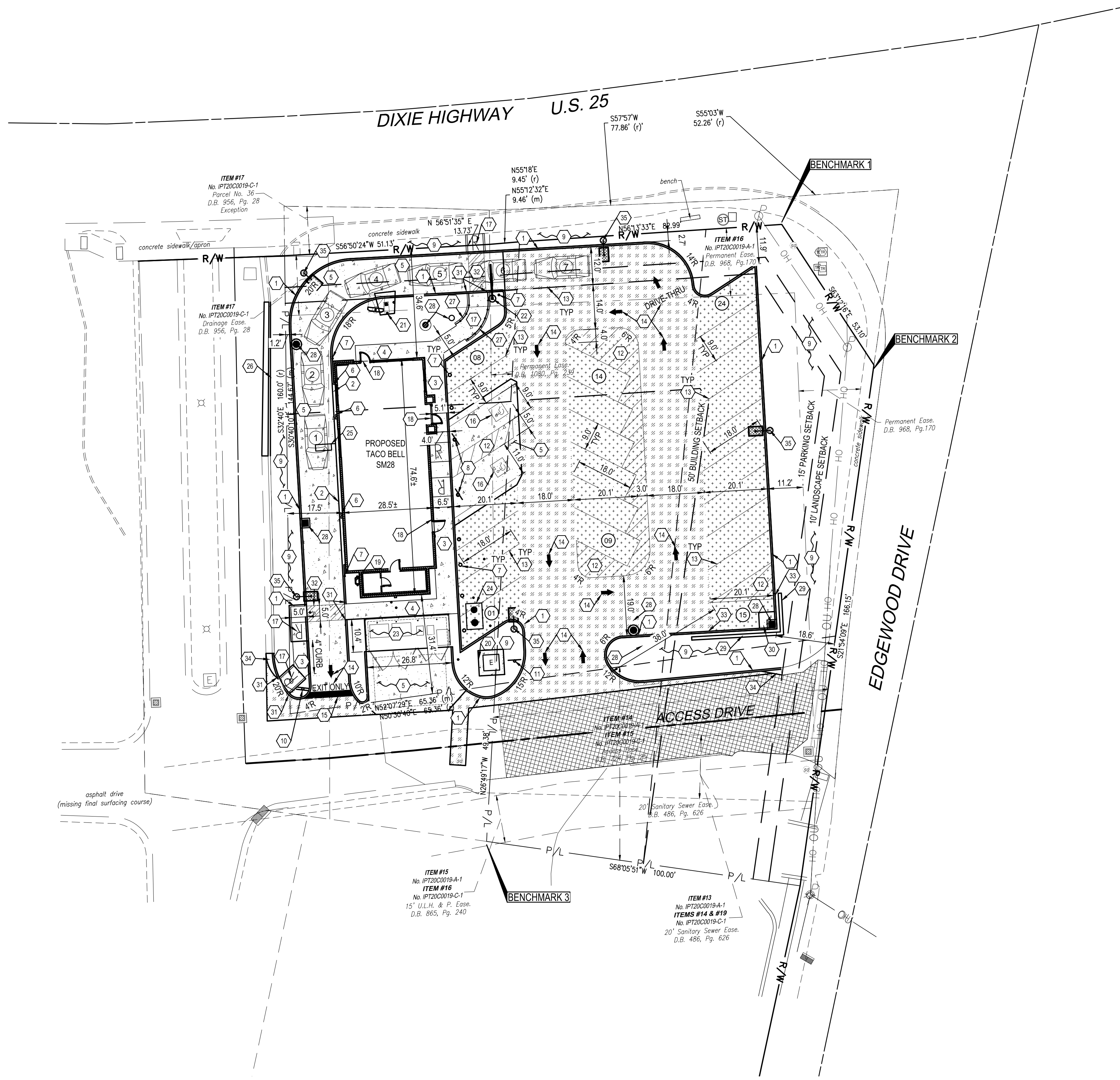
**TACO BELL**  
 3039 DIXIE HWY.  
 EDGEWOOD, KY 41017



END 20  
 SITE  
 PLAN

**C-111**

PLOT DATE: \_\_\_\_\_



**ITEM #17**  
 No. IP720C0019-C-1  
 Parcel No. 36  
 D.B. 956, Pg. 28  
 Exception

**ITEM #17**  
 No. IP720C0019-C-1  
 Drainage Easement  
 D.B. 956, Pg. 28

**ITEM #16**  
 No. IP720C0019-A-1  
 Permanent Easement  
 D.B. 968, Pg. 170

**ITEM #16**  
 No. IP720C0019-A-1  
 Permanent Easement  
 D.B. 968, Pg. 170

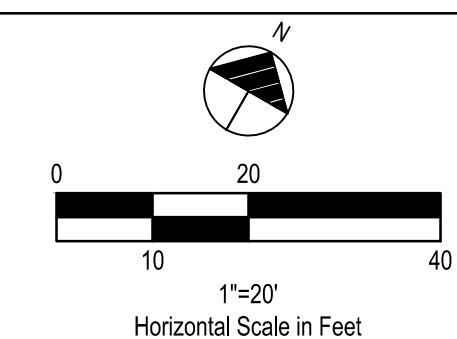
**ITEM #15**  
 No. IP720C0019-A-1  
**ITEM #16**  
 No. IP720C0019-C-1  
 15' U.L.L.H. & P. Easement  
 D.B. 865, Pg. 240

**ITEM #13**  
 No. IP720C0019-A-1  
**ITEMS #14 & #15**  
 No. IP720C0019-C-1  
 20' Sanitary Sewer Easement  
 D.B. 486, Pg. 626

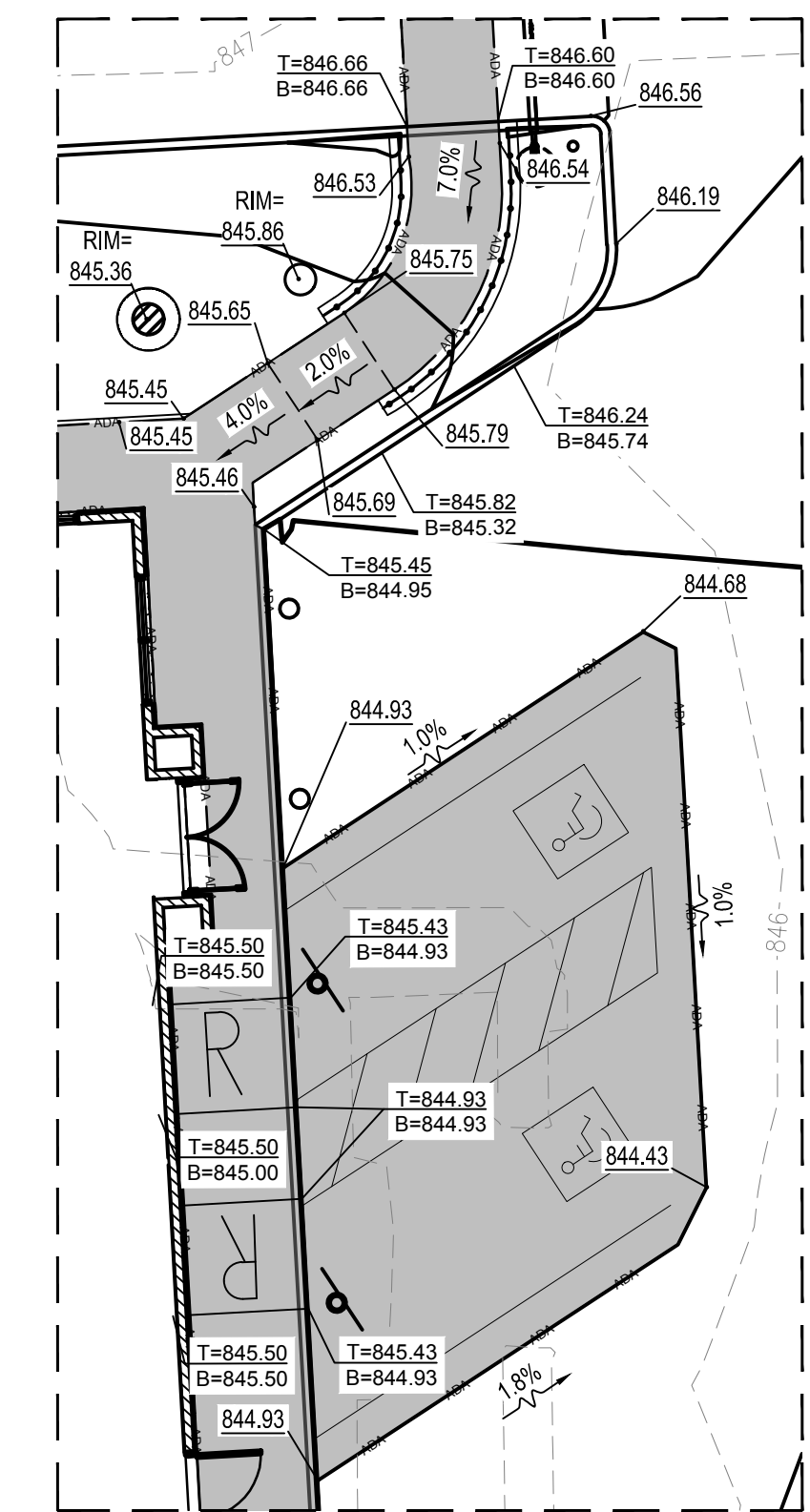
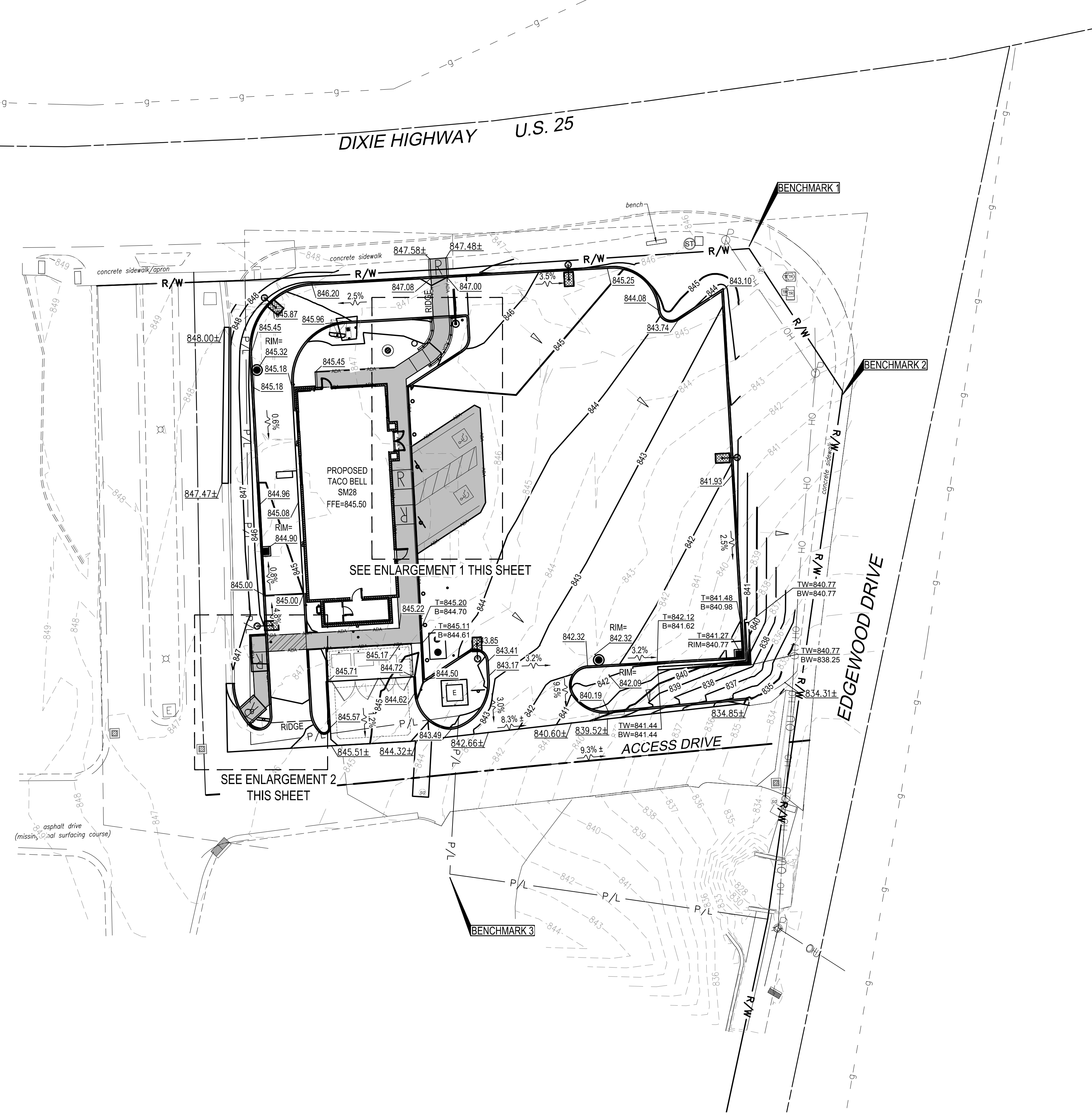
asphalt drive  
 (missing final surfacing course)



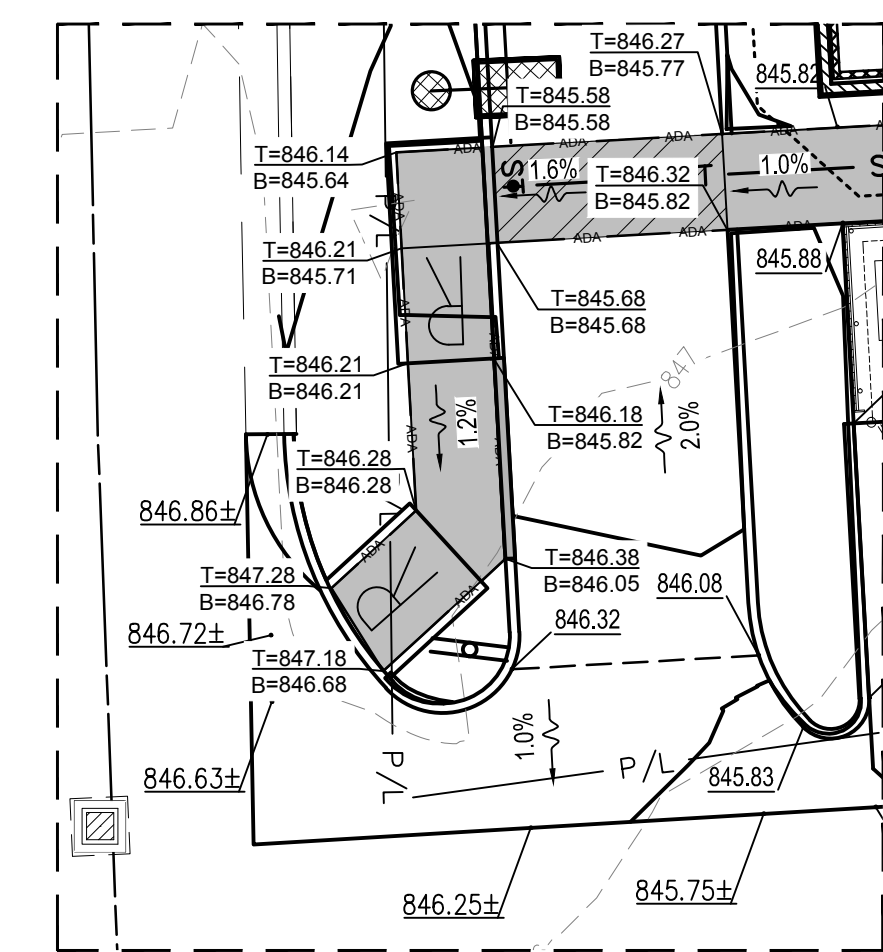
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Akron, OH 44311  
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- LEGEND**  
(SEE SHEET C-000 FOR GENERAL LEGEND)
- 000 — PROPOSED CONTOUR
  - XXX.XX± EXISTING SPOT ELEVATION/ MATCH EXISTING GRADE
  - T=XXX.XX± EXISTING TOP OF CURB ELEVATION
  - B=XXX.XX± EXISTING BOTTOM OF CURB/PAVEMENT ELEVATION
  - XXX.XX PROPOSED ELEVATION @ FINISHED GROUND ELEVATION
  - T=XXX.XX TOP OF CURB ELEVATION
  - B=XXX.XX BOTTOM OF CURB/PAVEMENT ELEVATION
  - 0.0% PROPOSED DRAINAGE SLOPE & DIRECTION
  - ▲ EMERGENCY OVERLAND FLOW ROUTE
  - ADA LIMITS OF ADA ROUTING



A1 ENLARGEMENT 1  
1" = 10'



A2 ENLARGEMENT 2  
1" = 10'

**BENCHMARKS:**  
BENCHMARK #1 - IRON PIN  
N 554524.63, E 1544999.71  
ELEVATION=845.46  
  
BENCHMARK #2 - MAGNAIL AND WASHER  
N 554500.67, E 1545047.08  
ELEVATION=841.24  
  
BENCHMARK #3 - MAGNAIL AND WASHER  
N 554309.21, E 1545016.23  
ELEVATION=844.22

DATE	REMARKS

CONTRACT DATE: \_\_\_\_\_  
BUILDING TYPE: END 20  
PLAN VERSION: \_\_\_\_\_  
BRAND DESIGNER: \_\_\_\_\_  
SITE NUMBER: \_\_\_\_\_  
STORE NUMBER: \_\_\_\_\_  
PA/PM: AB  
DRAWN BY: KK  
JOB NO.: 2020188.06

**TACO BELL**  
3039 DIXIE HWY.  
EDGEWOOD, KY 41017



END 20  
GRADING  
PLAN

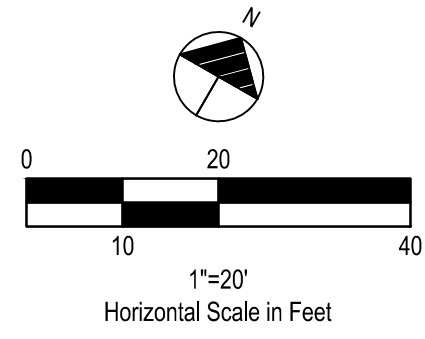


**C-121**

PLOT DATE: \_\_\_\_\_



520 South Main Street, Suite 2531  
Akron, OH 44311  
530.572.2100 Fax 530.572.2101



EXISTING STRUCTURES	
STRCT. ID	STRUCTURE DETAILS
EX 1	EXISTING CATCH BASIN RIM = 842.56 12" HDPE (SE) = 834.86
EX 2	EXISTING CATCH BASIN (DEMO) RIM = 846.58 6"(S) = 844.18
EX 3	EXISTING CATCH BASIN RIM = 833.20 12" RCP (S) = 831.40
EX 4	EXISTING CATCH BASIN RIM = 846.59 12" HDPE (W) = 842.66 12" HDPE (E) = 842.42
EX 5	EXISTING CATCH BASIN RIM = 846.81 12" HDPE (E) = 844.31
EX 6	EXISTING STORM SEWER MANHOLE RIM = 845.39 18" HDPE (SW, SE) = 839.69 12" HDPE (NW) (S) = 839.69
EX 7	EXISTING STORM SEWER MANHOLE RIM = 845.46 NO INVERT DATA
EX 8	EXISTING SANITARY SEWER MANHOLE TO BE MODIFIED RIM = 843.61 8" (W,E) = 825.59 PROPOSED 6" PVC (N) = 838.66
EX 9	EXISTING SANITARY SEWER MANHOLE RIM = 833.90 8" (W,E) = 824.50
EX 10	EXISTING SANITARY SEWER MANHOLE RIM = 845.19 8" (W,S) = 828.99

PROPOSED STRUCTURES	
STRCT. ID	STRUCTURE DETAILS
CB 1	PROPOSED 2' X 2' CATCH BASIN SEE SHEET C-503 RIM = 840.77 12" HDPE INV. (W)=836.70 4" UNDERDRAIN PVC (E)=837.70 FINGER DRAIN 4" PVC INV. (N,W)=839.35 SUMP DEPTH = 2.0'
MH 2	PROPOSED STORM MANHOLE SEE SHEET C-503 RIM=842.32 EXISTING INV. 12" (SE)=834.50 INV. 12" (NW)=834.50 INV. 12" (E)=835.50
CB 3	PROPOSED 18" DIA. NYLOPLAST DRAIN BASIN SEE SHEET C-505 RIM=845.38 INV. 12" (W,SE) = 840.32 SUMP DEPTH = 2.0'
MH 4	PROPOSED STORM MANHOLE SEE SHEET C-503 RIM=845.32 INV. 12" (S,E)=841.12
CB 5	PROPOSED 2' X 2' CATCH BASIN SEE SHEET C-503 RIM = 844.90 12" HDPE INV. (N)=841.69 6" PVC INV. (S)=842.19 FINGER DRAIN 4" PVC INV. (N,W)=843.48 SUMP DEPTH = 2.0'
GI 1	PROPOSED 1,000 GALLON EXTERIOR GREASE INTERCEPTOR SEE SHEET C-502 RIM=844.40, 844.35 INV. 6" PVC (N)=839.90 INV. 6" PVC (S)=839.65

**PLAN KEYNOTES**

- STORM**
- PROPOSED 117 L.F. OF 12" HDPE STORM SEWER @ 4.97%
  - PROPOSED 41 L.F. OF 12" HDPE STORM SEWER @ 1.95%
  - PROPOSED 57 L.F. OF 12" HDPE STORM SEWER @ 1.00%
  - PROPOSED 44 L.F. OF 12" HDPE STORM SEWER @ 2.73%
  - PROPOSED 11 L.F. OF 6" PVC DOWNSPOUT COLLECTOR LINE @ 10.45%
  - PROPOSED 11 L.F. OF 6" PVC DOWNSPOUT COLLECTOR LINE @ 7.73%
  - PROPOSED 28 L.F. OF 6" PVC DOWNSPOUT COLLECTOR LINE @ 1.40%
  - PROPOSED 27 L.F. OF 6" PVC DOWNSPOUT COLLECTOR LINE @ 1.40%
  - PROPOSED 3 L.F. OF 6" PVC DOWNSPOUT COLLECTOR LINE @ 1.40%
  - PROPOSED WYE CONNECTION, SEE SHEET C-502, 6" INV = 842.15.
  - PROPOSED WYE CONNECTION, SEE SHEET C-502, 6" INV = 841.85.
  - PROPOSED STORM CLEANOUT, SEE SHEET C-503, RIM = 845.64 6" INV. = 842.59.
  - 6" INV. AT BUILDING = 843.00
  - PROPOSED STORM CLEANOUT, SEE SHEET C-503, RIM = 845.39 6" INV. = 842.96.
  - PROPOSED 8 L.F. OF 12" HDPE STORM SEWER @ 4.13%
  - PROPOSED 40 L.F. OF 4" PVC FOOTER UNDERDRAIN TO CONNECT TO CB-1.

- SANITARY**
- PROPOSED 6" INV. AT BUILDING = 840.50
  - PROPOSED 2 L.F. OF 6" PVC SANITARY SEWER @ 2.00%.
  - PROPOSED 26 L.F. OF 6" PVC SANITARY SEWER @ 2.00%.
  - PROPOSED 2 L.F. OF 6" PVC SANITARY SEWER @ 2.00%.
  - PROPOSED 4 L.F. OF 6" PVC SANITARY SEWER @ 2.75%.
  - PROPOSED 15 L.F. OF 6" PVC SANITARY SEWER @ 2.00%.
  - PROPOSED 26 L.F. OF 6" PVC SANITARY SEWER @ 2.00%.
  - PROPOSED 17 L.F. OF 6" PVC SANITARY SEWER @ 2.00%.
  - PROPOSED 6" X 6" WYE INV. = 839.54
  - PROPOSED 34 L.F. OF 6" PVC SANITARY SEWER @ 2.00%
  - PROPOSED SANITARY CLEANOUT SEE SHEET C-503, RIM = 845.26, 6" INV. = 840.46
  - PROPOSED SANITARY CLEANOUT SEE SHEET C-503, RIM = 844.48, 6" INV. = 839.94
  - PROPOSED SANITARY CLEANOUT SEE SHEET C-503, RIM = 844.52, 6" INV. = 840.20
  - PROPOSED SANITARY CLEANOUT SEE SHEET C-503, RIM = 844.08, 6" INV. = 839.68
  - PROPOSED SANITARY CLEANOUT SEE SHEET C-503, RIM = 845.09, 6" INV. = 839.34
  - PROPOSED 3" SANITARY VENT PIPE. SEE MECHANICAL PLANS.
  - PROPOSED WATERTIGHT CONNECTION TO EXISTING MANHOLE INV. = 838.68

- WATER**
- PROPOSED WATER CONNECTION, COORDINATE WITH PLUMBING PLANS.
  - PROPOSED 1.5" DOMESTIC WATER METER IN METER PIT PER NORTHERN KENTUCKY WATER DISTRICT SPECIFICATIONS SEE SHEET C-505.
  - PROPOSED 133 L.F. 1.5" COPPER TYPE K WATER SERVICE LINE.
  - PROPOSED CONNECTION TO EXISTING WATER VALVE. CONTRACTOR TO COORDINATE CONNECTION LOCATION WITH THE NORTHERN KENTUCKY WATER DISTRICT.

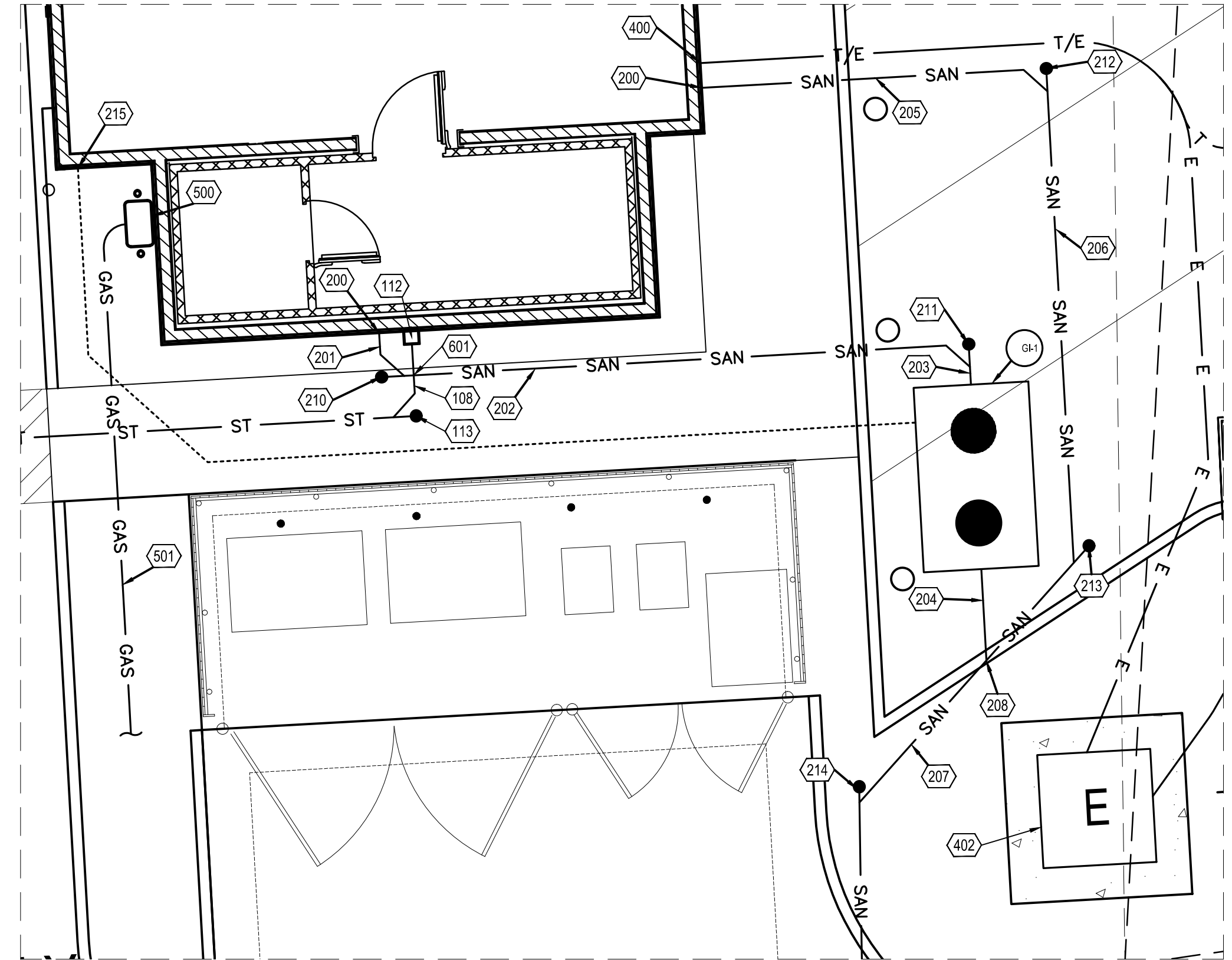
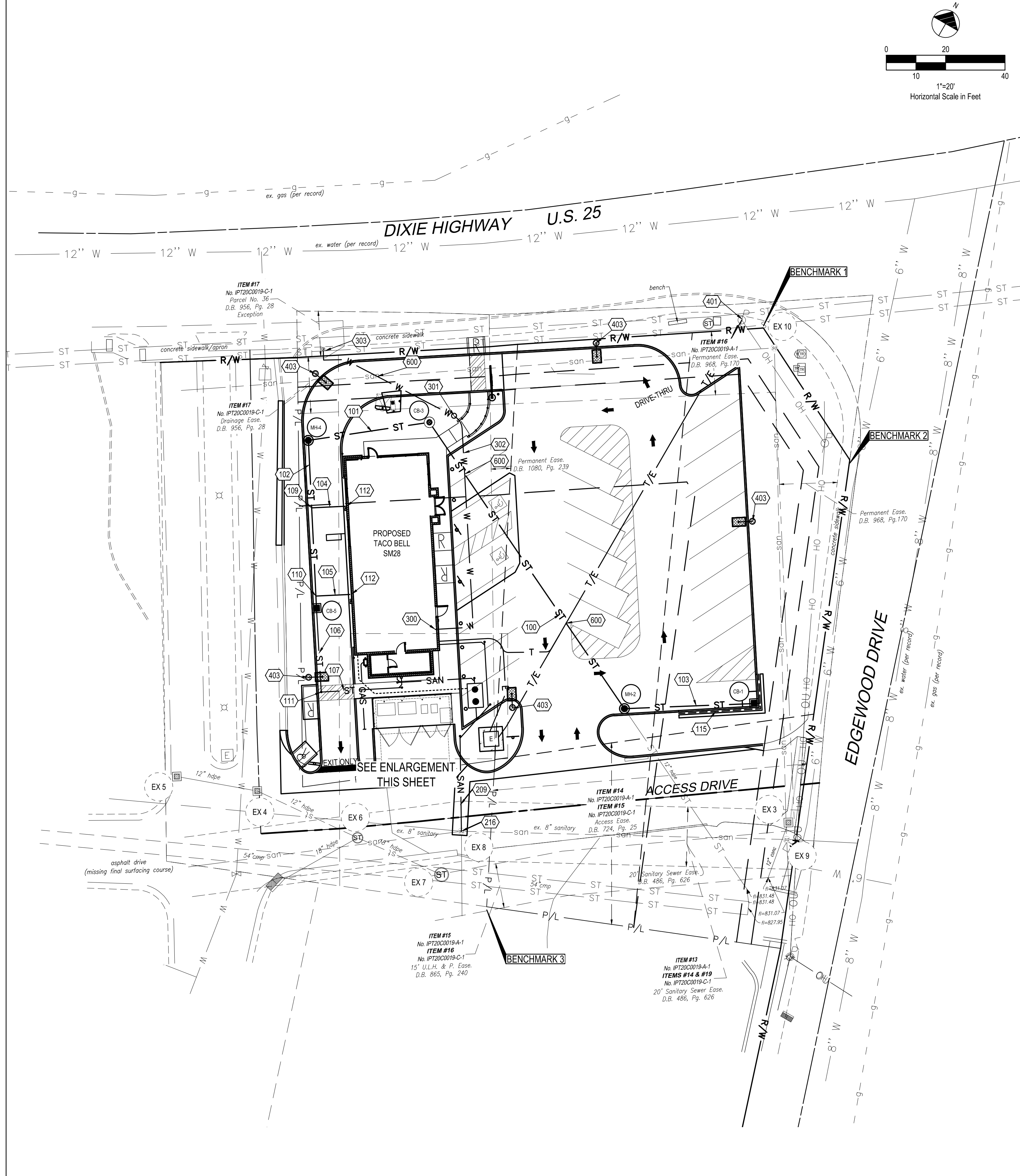
- ELECTRIC AND COMMUNICATIONS**
- PROPOSED ELECTRIC METER PER ELECTRIC COMPANY SPECIFICATIONS. SEE BUILDING DRAWINGS FOR EXACT LOCATION. ELECTRIC SERVICE LINE TO BE COORDINATED WITH THE ELECTRIC COMPANY.
  - PROPOSED ELECTRIC AND TELECOMMUNICATIONS SERVICE CONNECTION TO BE COORDINATED WITH THE UTILITY COMPANIES.
  - PROPOSED ELECTRICAL TRANSFORMER PER ELECTRICAL COMPANY SPECIFICATIONS. G.C. TO VERIFY EXACT LOCATION AND SIZE WITH UTILITY ENGINEER.
  - PROPOSED LIGHT POLE, SEE STRUCTURAL PLANS FOR FOUNDATION DETAIL AND ELECTRICAL DRAWINGS FOR SPECIFICATIONS.

- GAS**
- PROPOSED GAS METER PER GAS COMPANY SPECIFICATIONS. SEE BUILDING DRAWINGS FOR EXACT LOCATION. GAS SERVICE LINE TO BE COORDINATED WITH THE GAS COMPANY.
  - PROPOSED GAS SERVICE CONNECTION TO BE EXTENDED TO GAS MAIN PER GAS COMPANY DESIGN DIRECTION.

- UTILITY CROSSINGS**
- GENERAL CROSSING NOTES: CONTRACTOR SHALL COORDINATE ALL CROSSINGS WITH THE UTILITY COMPANY. PRESSURIZED AND SECONDARY UTILITIES SHALL DEFLECT TO MAINTAIN 18" CLEAR AT SANITARY OR STORM SEWER CROSSINGS.

- SEE UTILITY CROSSING GENERAL NOTE.
- PROPOSED UTILITY CROSSING: 6" STORM INV=842.96; 6" SANITARY INV=840.44

**BENCHMARKS:**  
BENCHMARK #1 - IRON PIN  
N 554524.63, E 1544999.71  
ELEVATION=845.46  
  
BENCHMARK #2 - MAGNAIL AND WASHER  
N 554500.67, E 1545047.08  
ELEVATION=841.24  
  
BENCHMARK #3 - MAGNAIL AND WASHER  
N 554309.21, E 1545016.23  
ELEVATION=844.22



A2 ENLARGEMENT  
1" = 5'

DATE	REMARKS

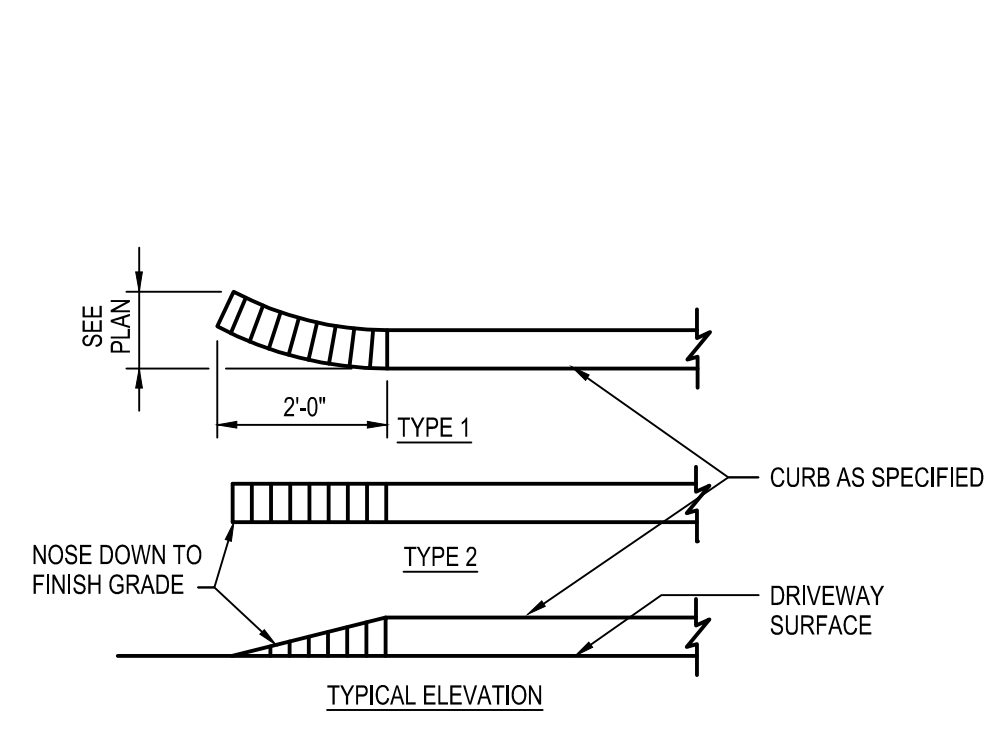
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BUILDING TYPE: \_\_\_\_\_ END 20  
PLAN VERSION: \_\_\_\_\_  
BRAND DESIGNER: \_\_\_\_\_  
SITE NUMBER: \_\_\_\_\_  
STORE NUMBER: \_\_\_\_\_  
PA/PM: \_\_\_\_\_ AB  
DRAWN BY: \_\_\_\_\_ KK  
JOB NO.: \_\_\_\_\_ 2020188.06

**TACO BELL**  
3039 DIXIE HWY.  
EDGEWOOD, KY 41017

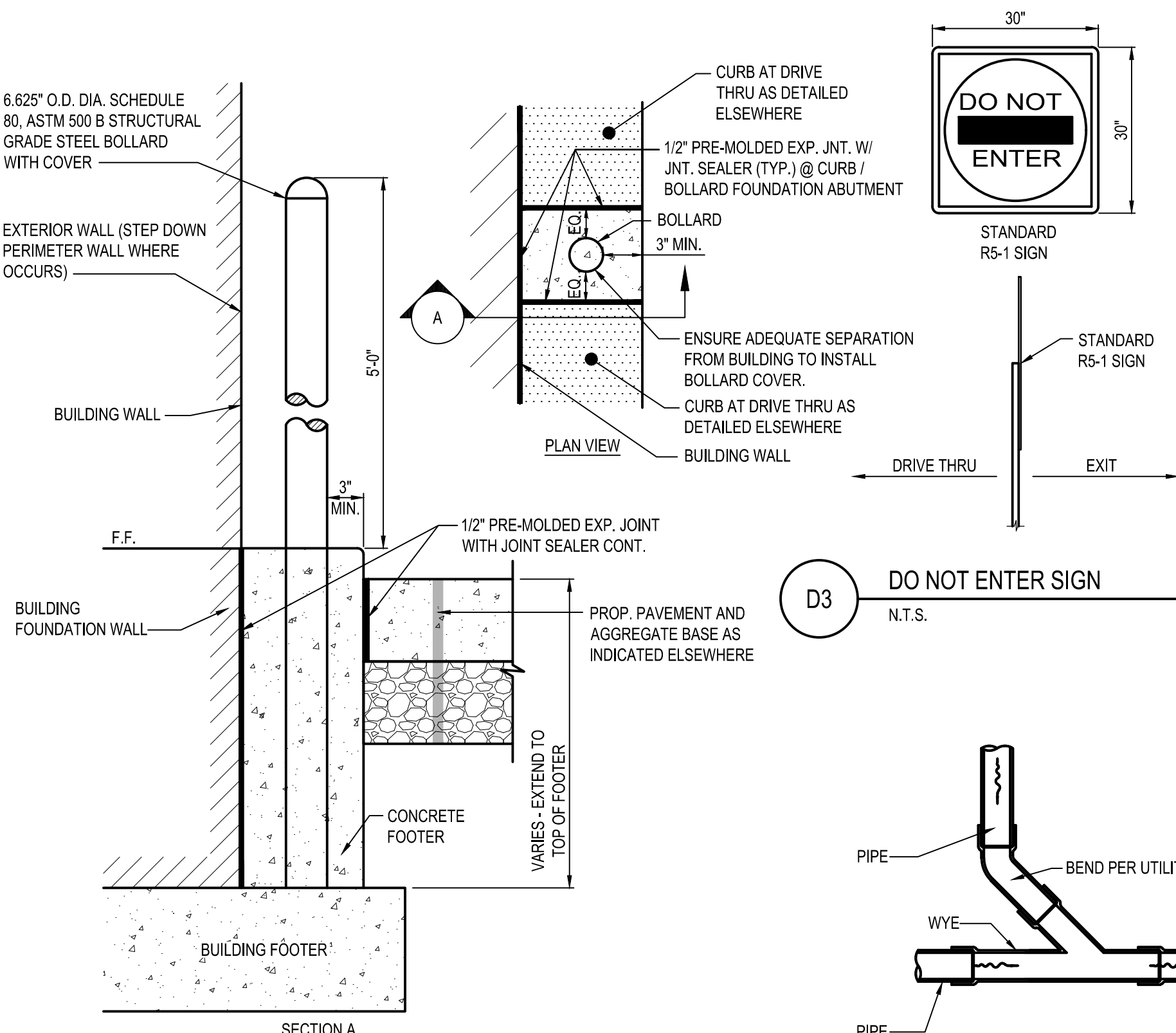


END 20  
UTILITY  
PLAN

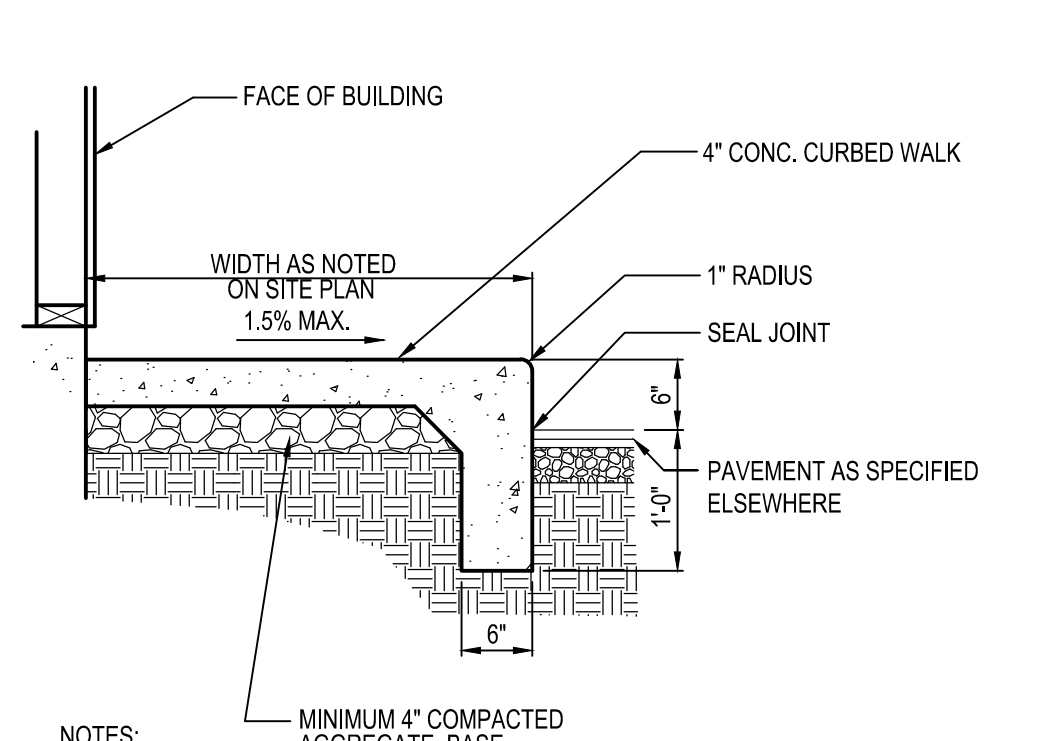
**C-131**  
PLOT DATE: \_\_\_\_\_



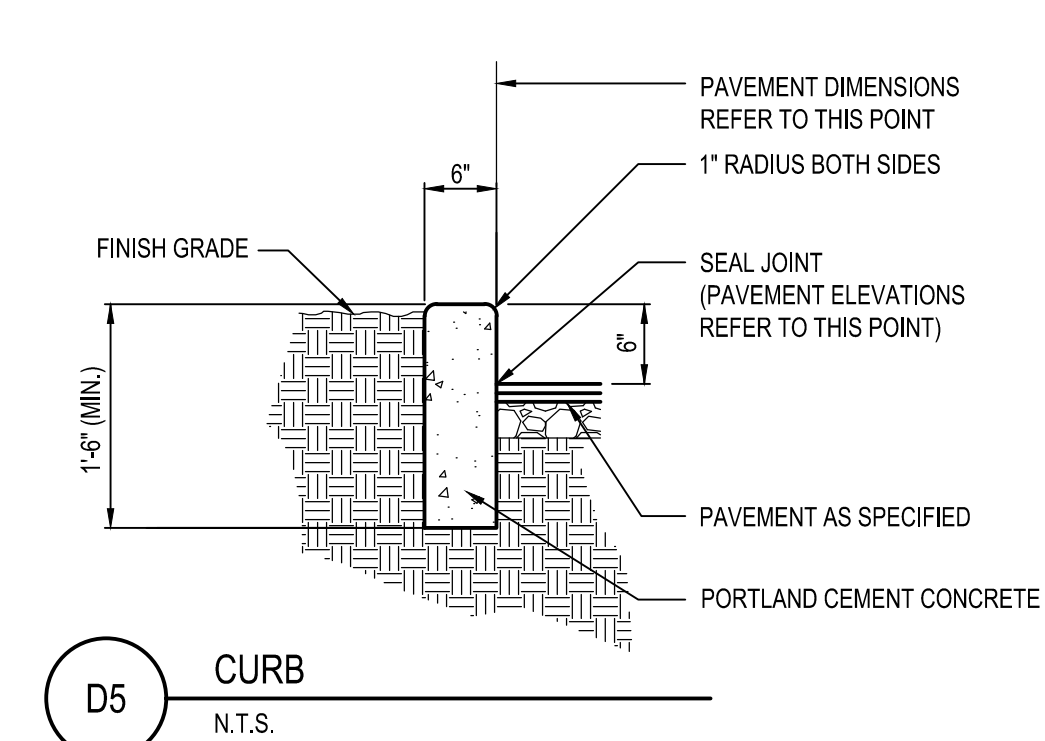
**D1 CURB TAPER**  
N.T.S.



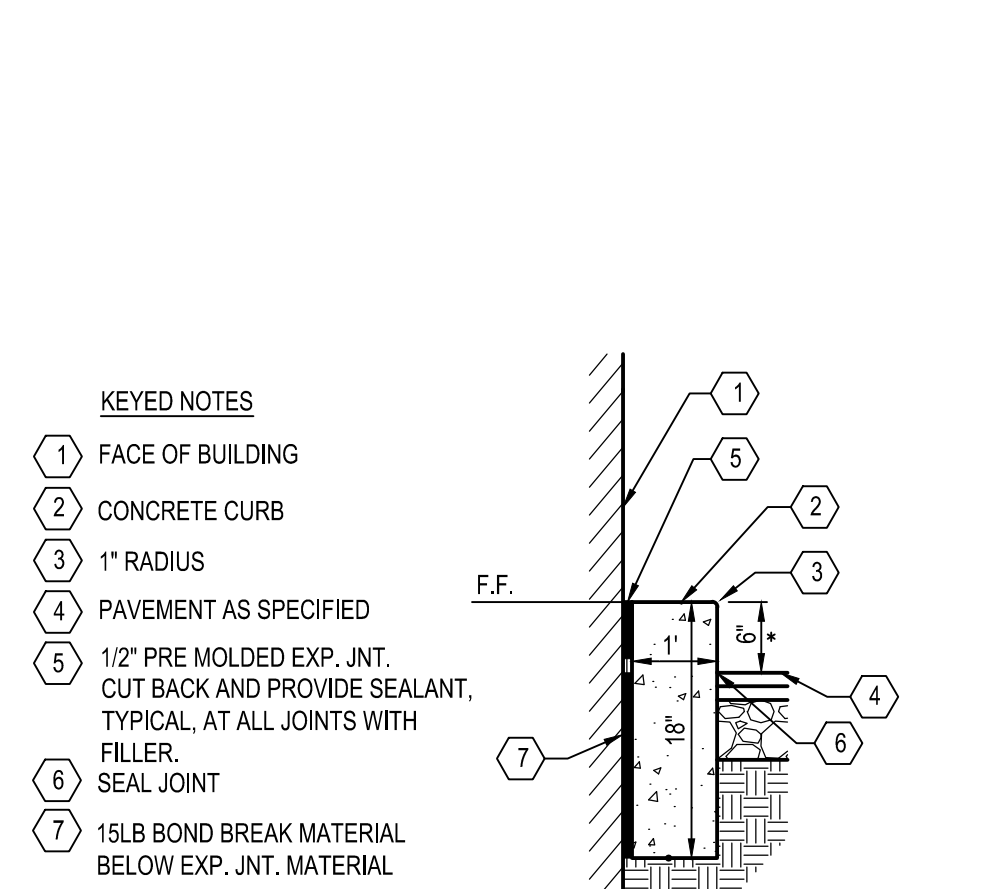
**D3 DO NOT ENTER SIGN**  
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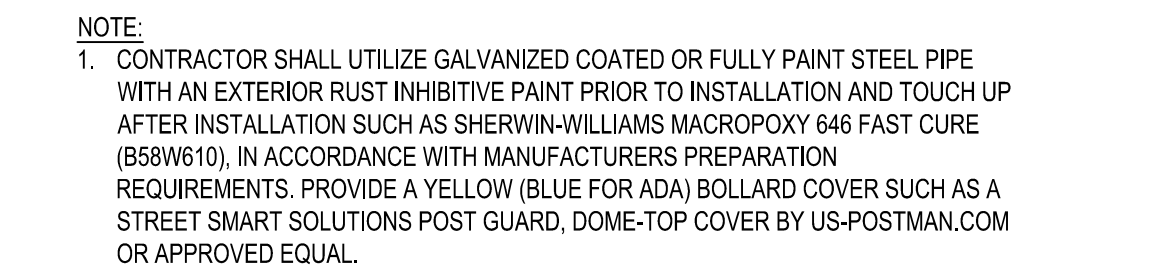
**D4 P.C.C. CURBED WALK**  
N.T.S.



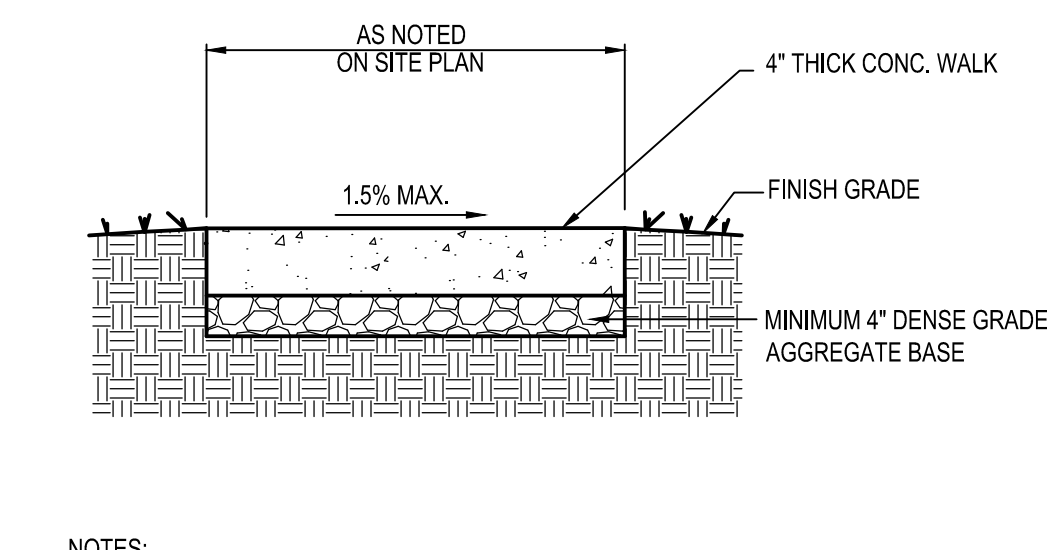
**D5 CURB**  
N.T.S.



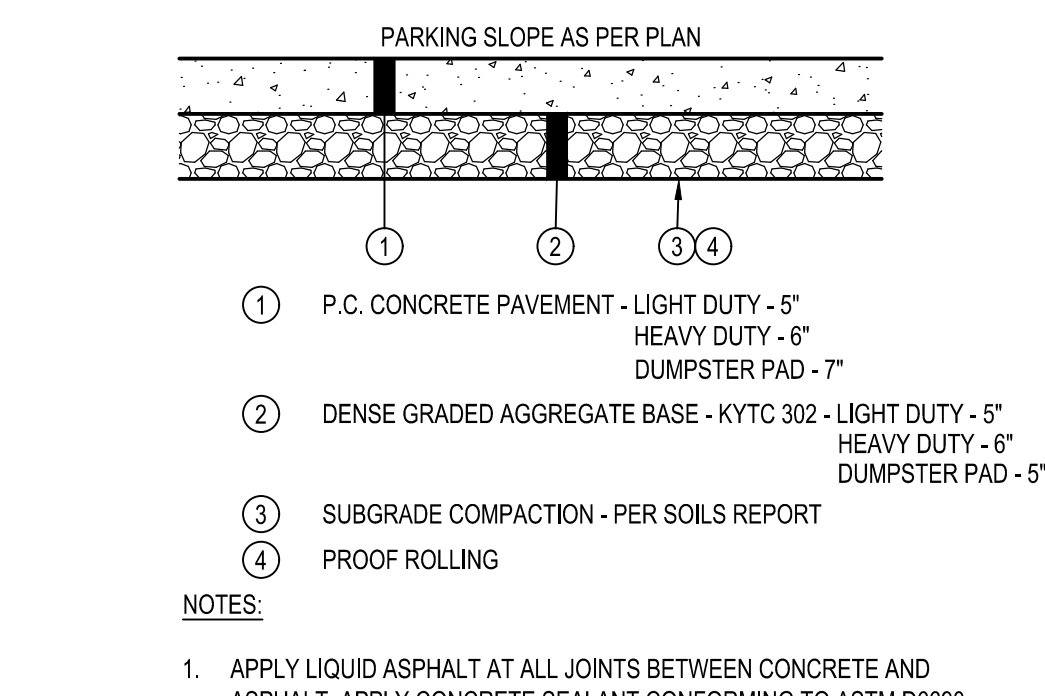
**B1 CURB AT DRIVE THRU**  
N.T.S.



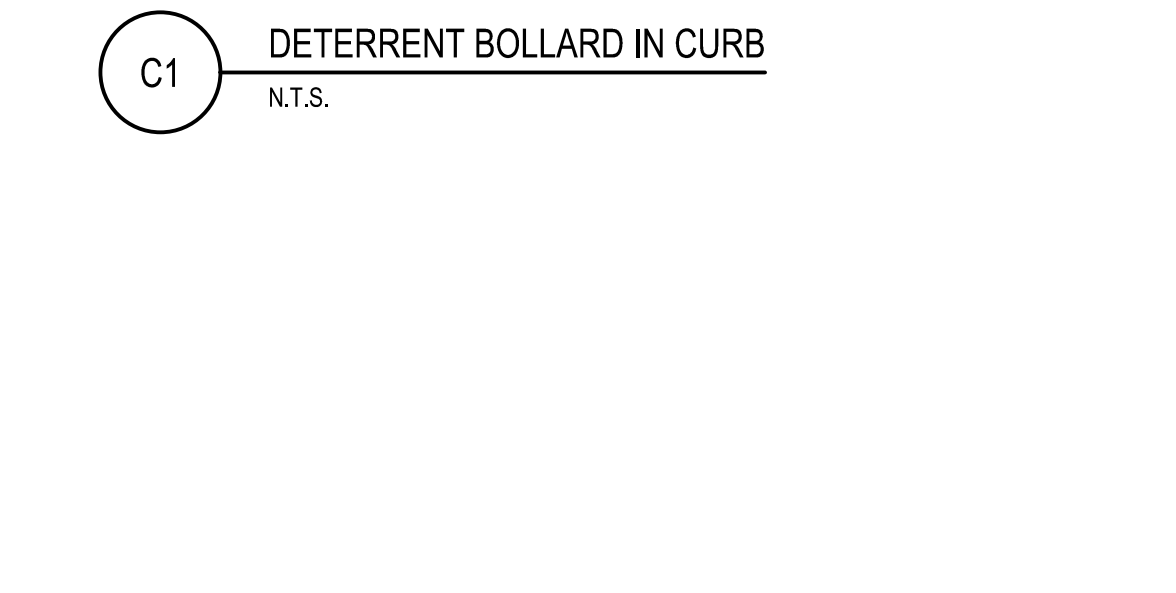
**C3 WYE CONNECTION**  
N.T.S.



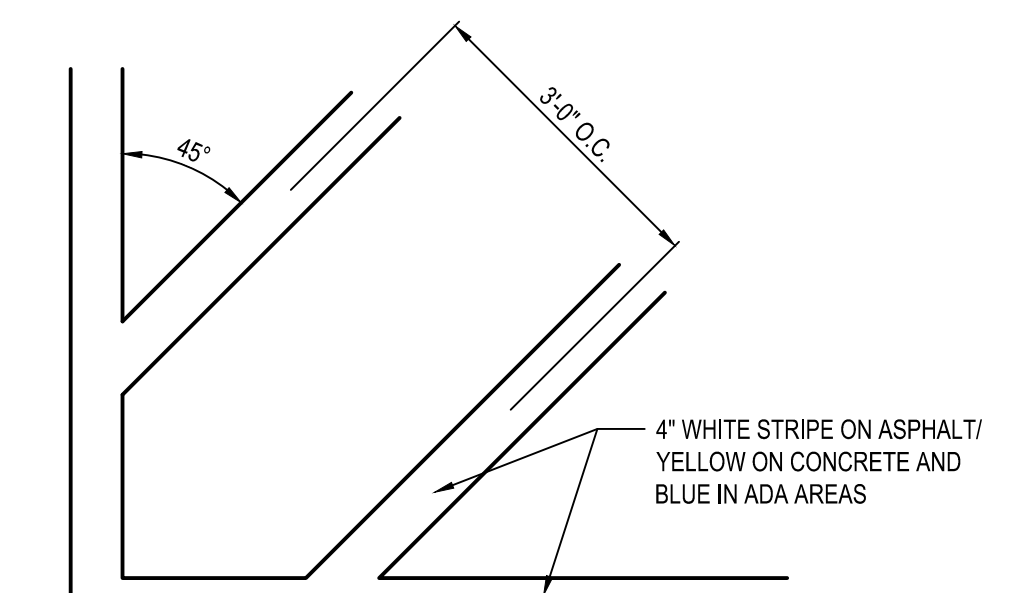
**C4 P.C.C. WALK**  
N.T.S.



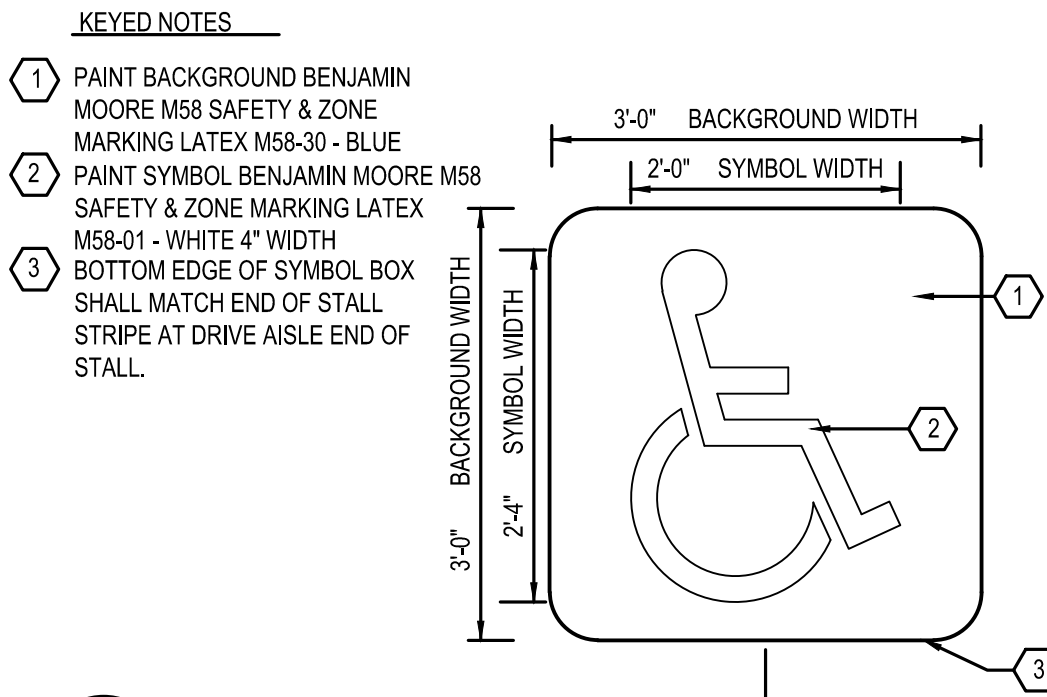
**C5 TYPICAL CONCRETE PAVEMENT SECTION**  
N.T.S.



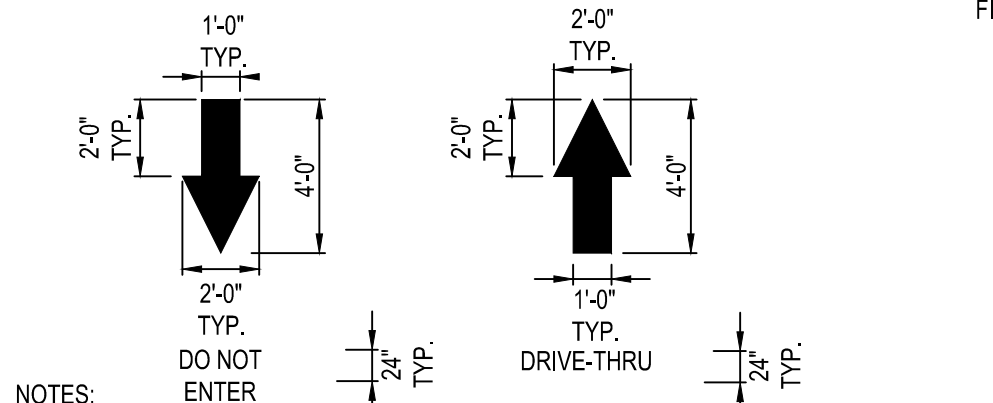
**C1 DETERRENT BOLLARD IN CURB**  
N.T.S.



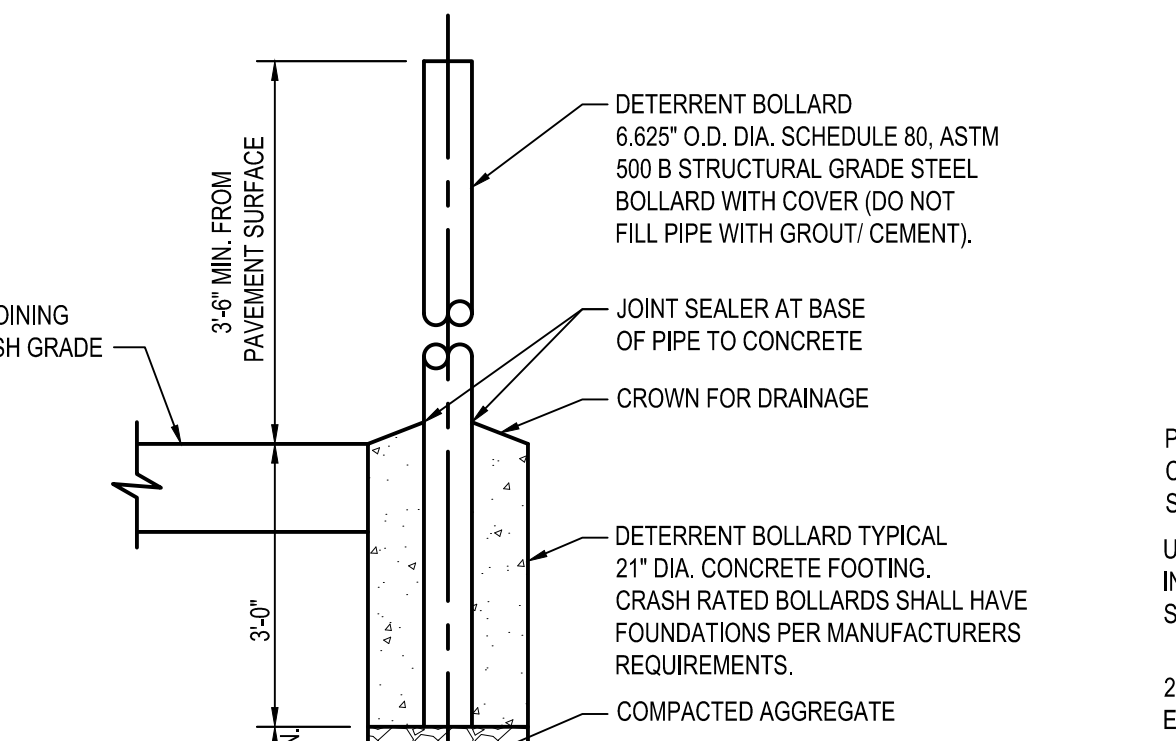
**B3 TRANSVERSE STRIPING**  
N.T.S.



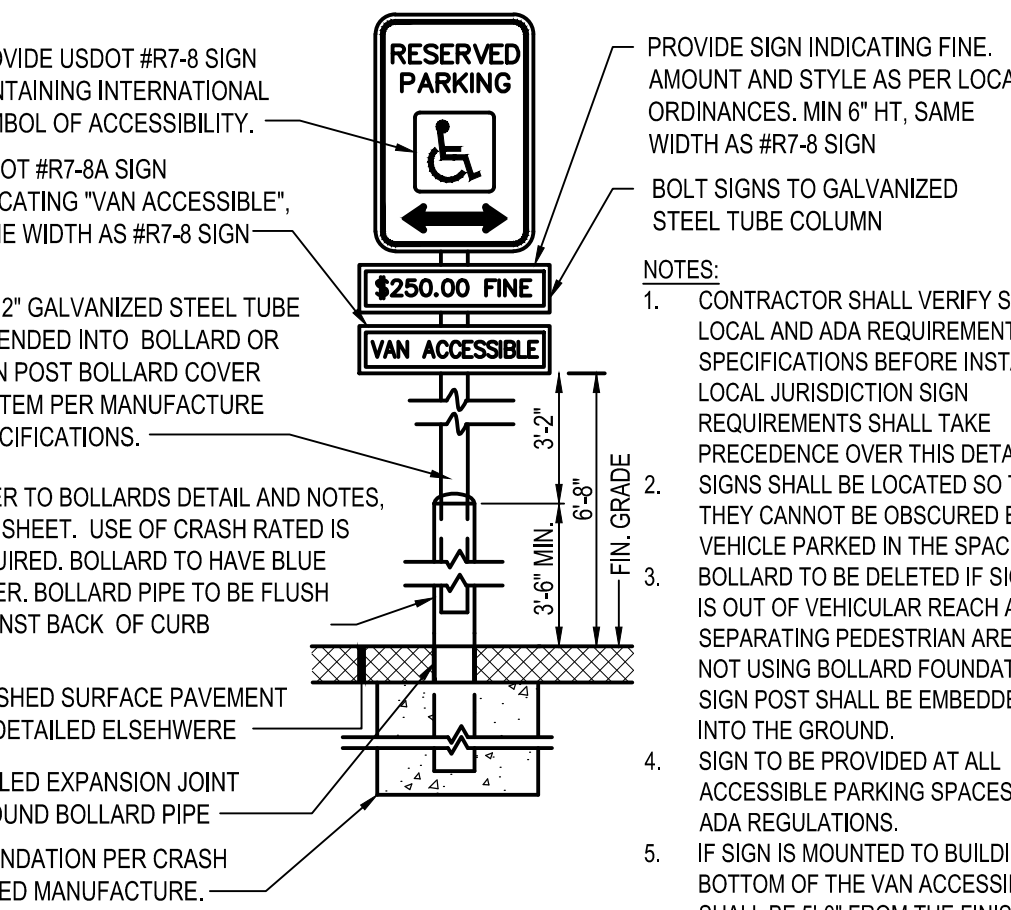
**B4 ADA PAVEMENT SYMBOL**  
N.T.S.



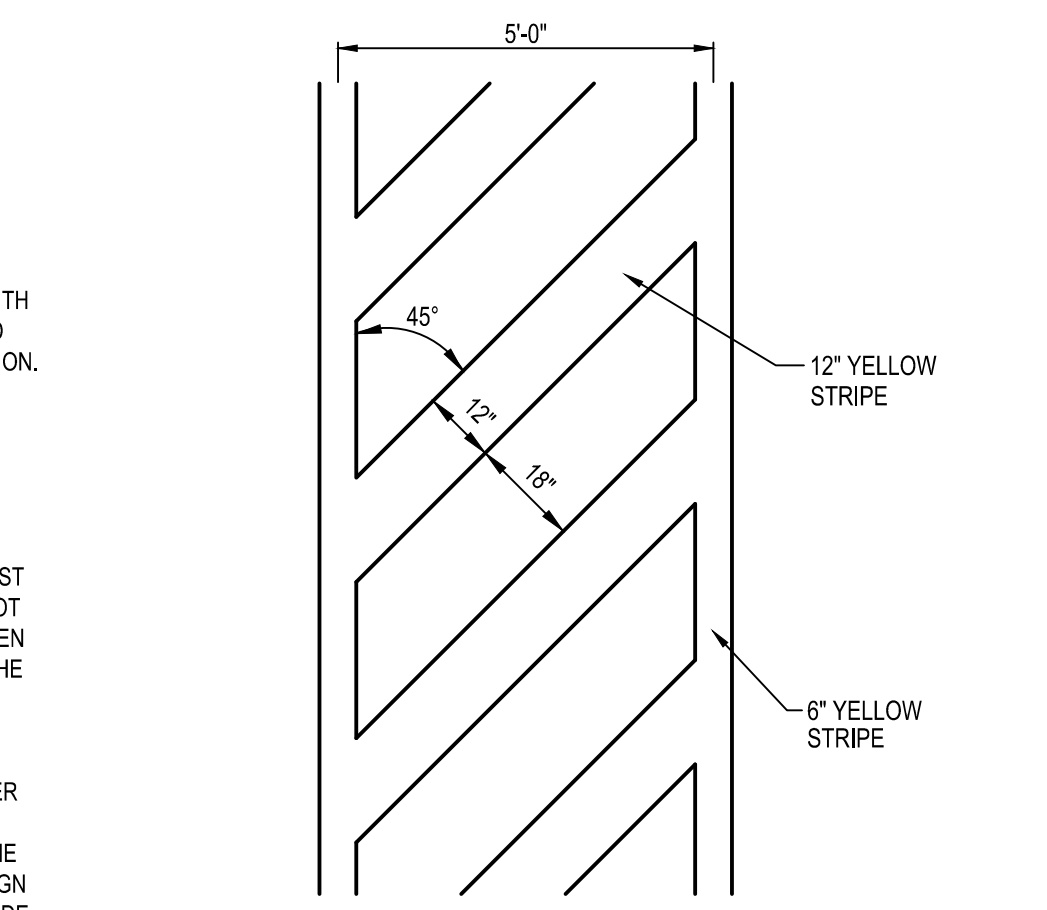
**A1 PAVEMENT MARKINGS & NOTES**  
N.T.S.



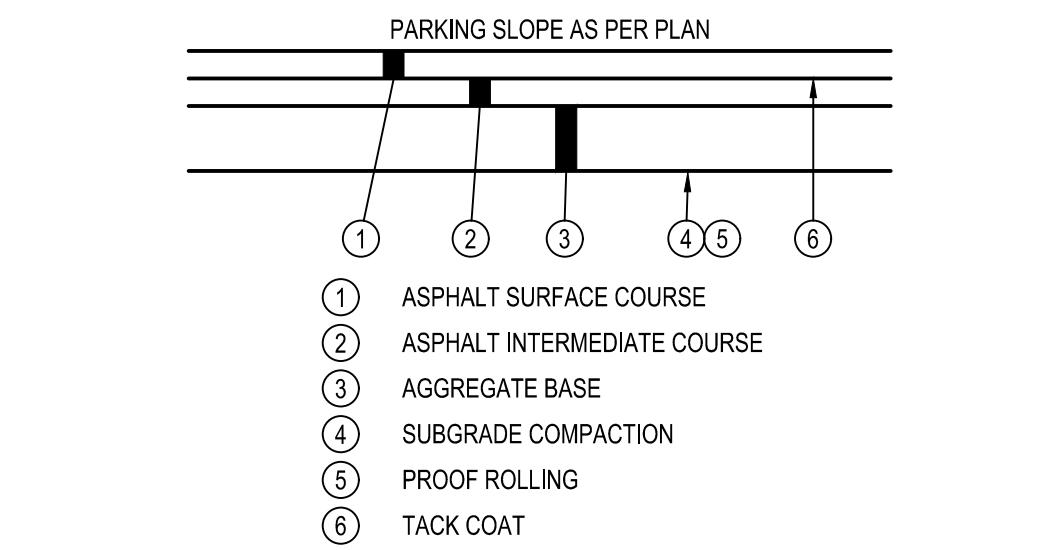
**A2 DETERRENT BOLLARD**  
N.T.S.



**A3 HANDICAPPED PARKING SIGN**  
N.T.S.



**A4 CROSSWALK STRIPING**  
N.T.S.



**A5 TYPICAL PAVEMENT SECTION**  
N.T.S.

**ASPHALT PAVEMENT**

MATERIAL	DEPTH (H.V. DUTY)	DEPTH (STD. DUTY)	KYTC SPECIFICATIONS ITEM
A.C. SURFACE COURSE	2.5"	1.5"	KYTC 410
A.C. INTERMEDIATE COURSE	2.5"	2.5"	KYTC 410
AGG. BASE COURSE	10"	8"	KYTC 302
SUBGRADE COMPACTION	PER SOILS REPORT	PER SOILS REPORT	PER SOILS REPORT

SOILS REPORT GOVERNS IF ANY DISCREPANCIES OCCUR.

DATE	REMARKS

CONTRACT DATE: -  
 BUILDING TYPE: END 20  
 PLAN VERSION: -  
 BRAND DESIGNER: -  
 SITE NUMBER: -  
 STORE NUMBER: -  
 PA/PM: AB  
 DRAWN BY: KK  
 JOB NO.: 2020188.06

**TACO BELL**  
 3039 DIXIE HWY.  
 EDGEWOOD, KY 41017

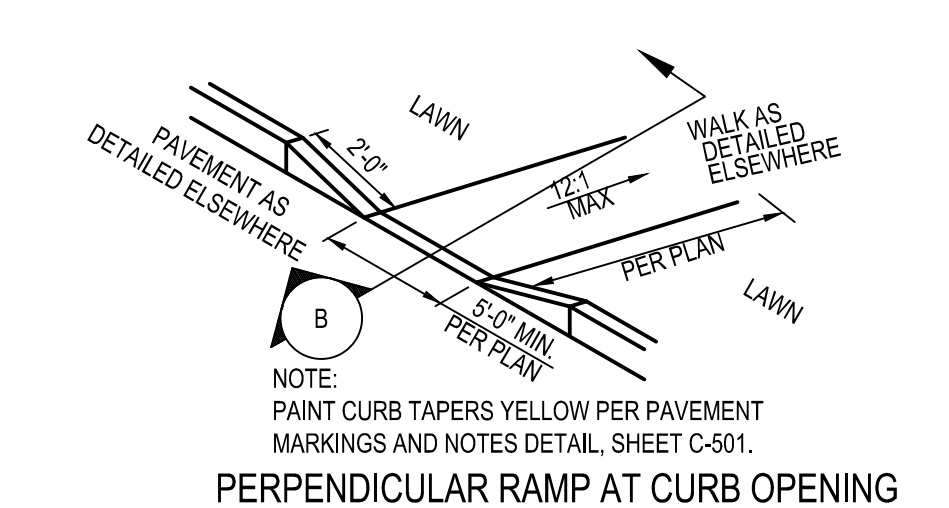
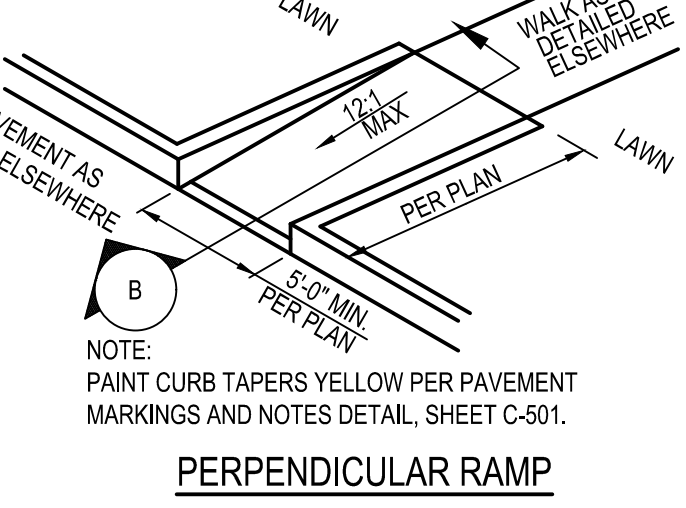
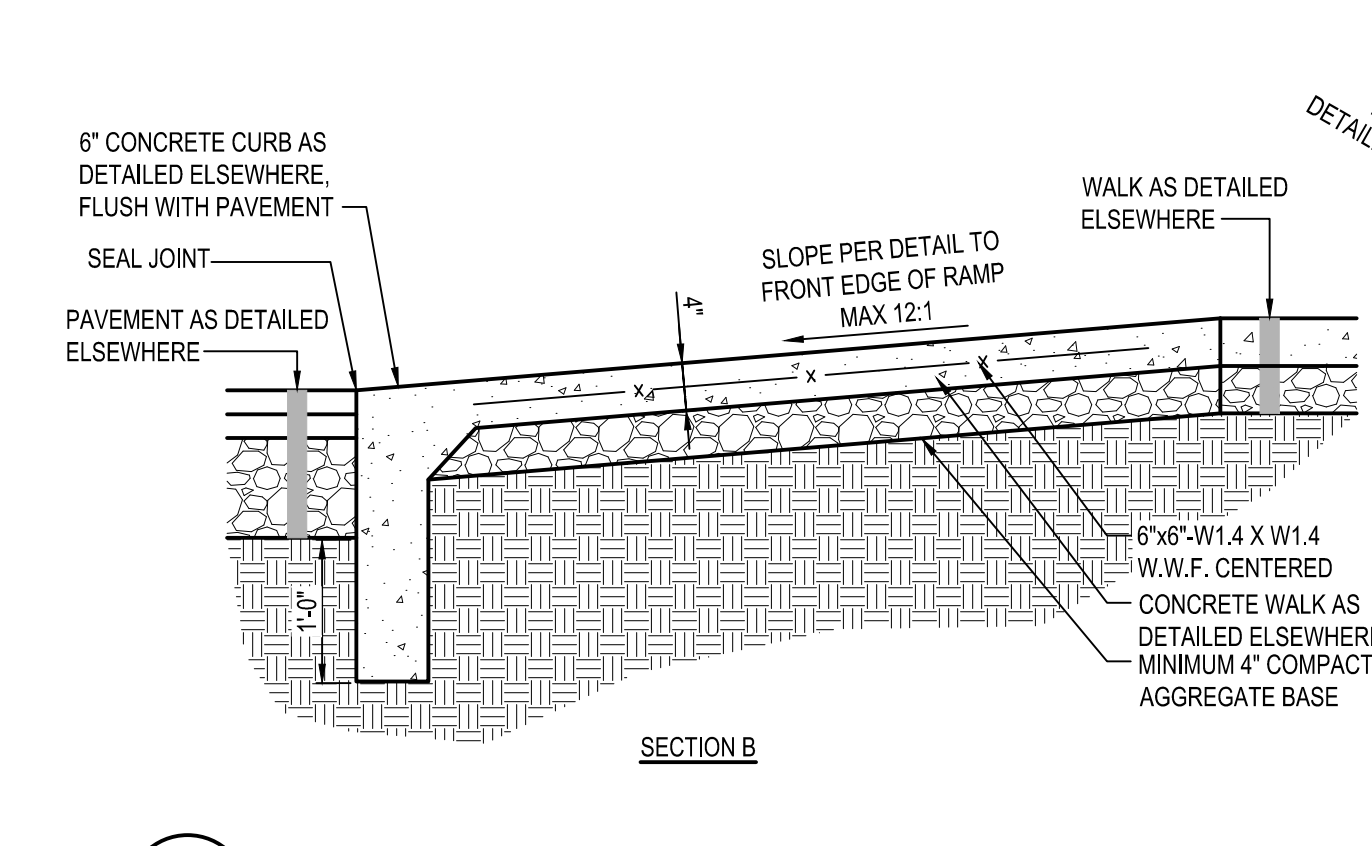
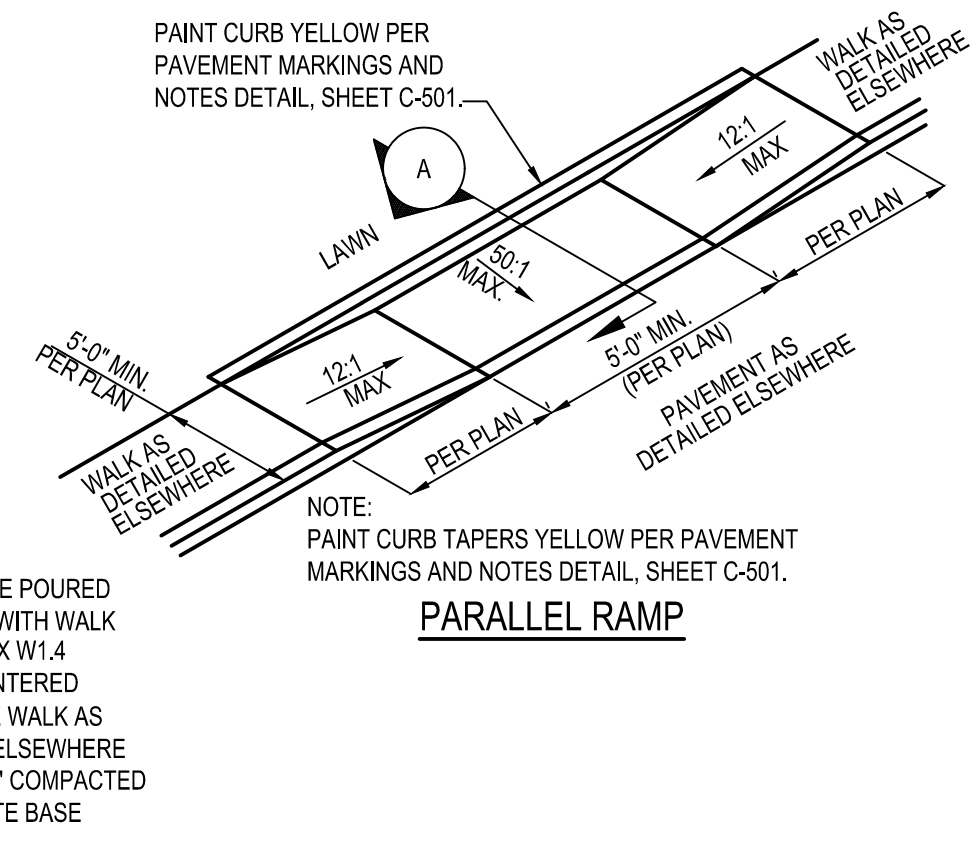
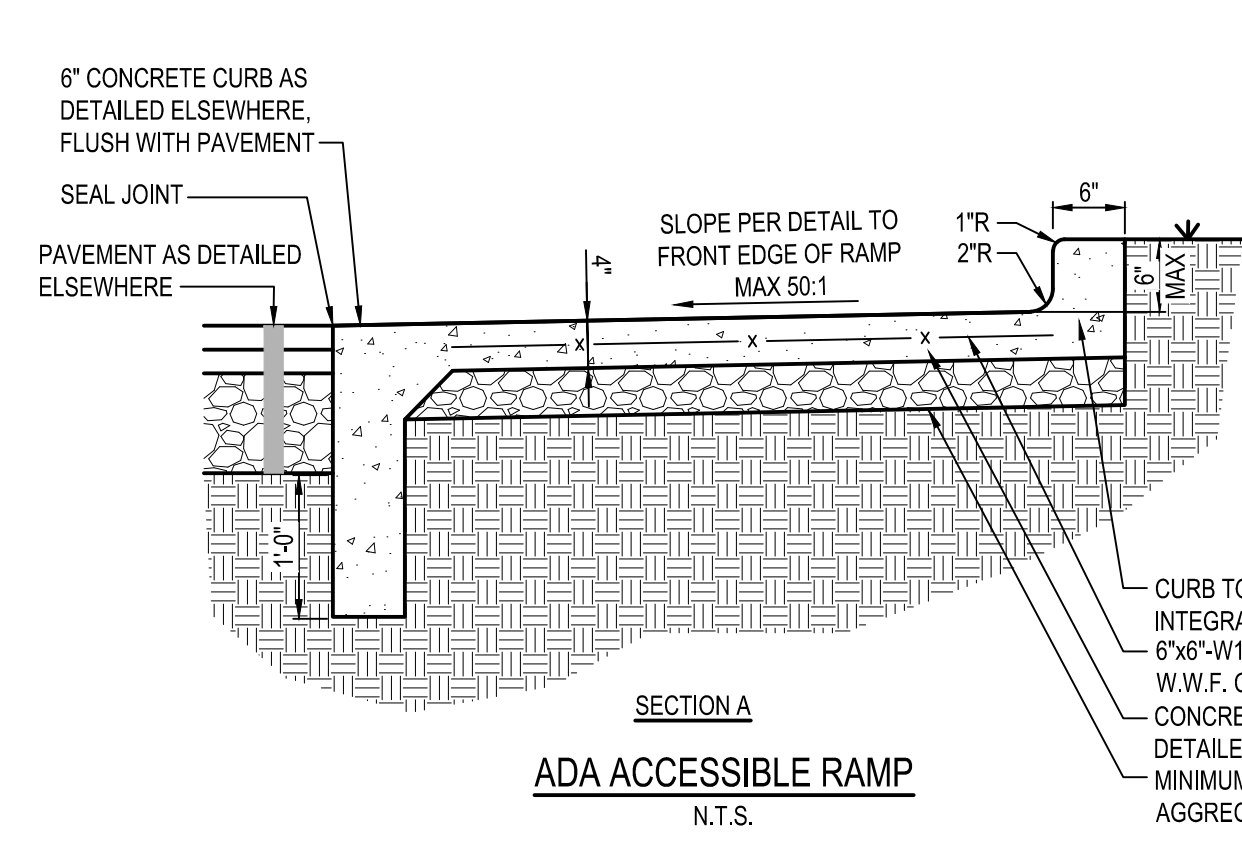


END 20  
 DETAILS

**C-501**  
 PLOT DATE: -

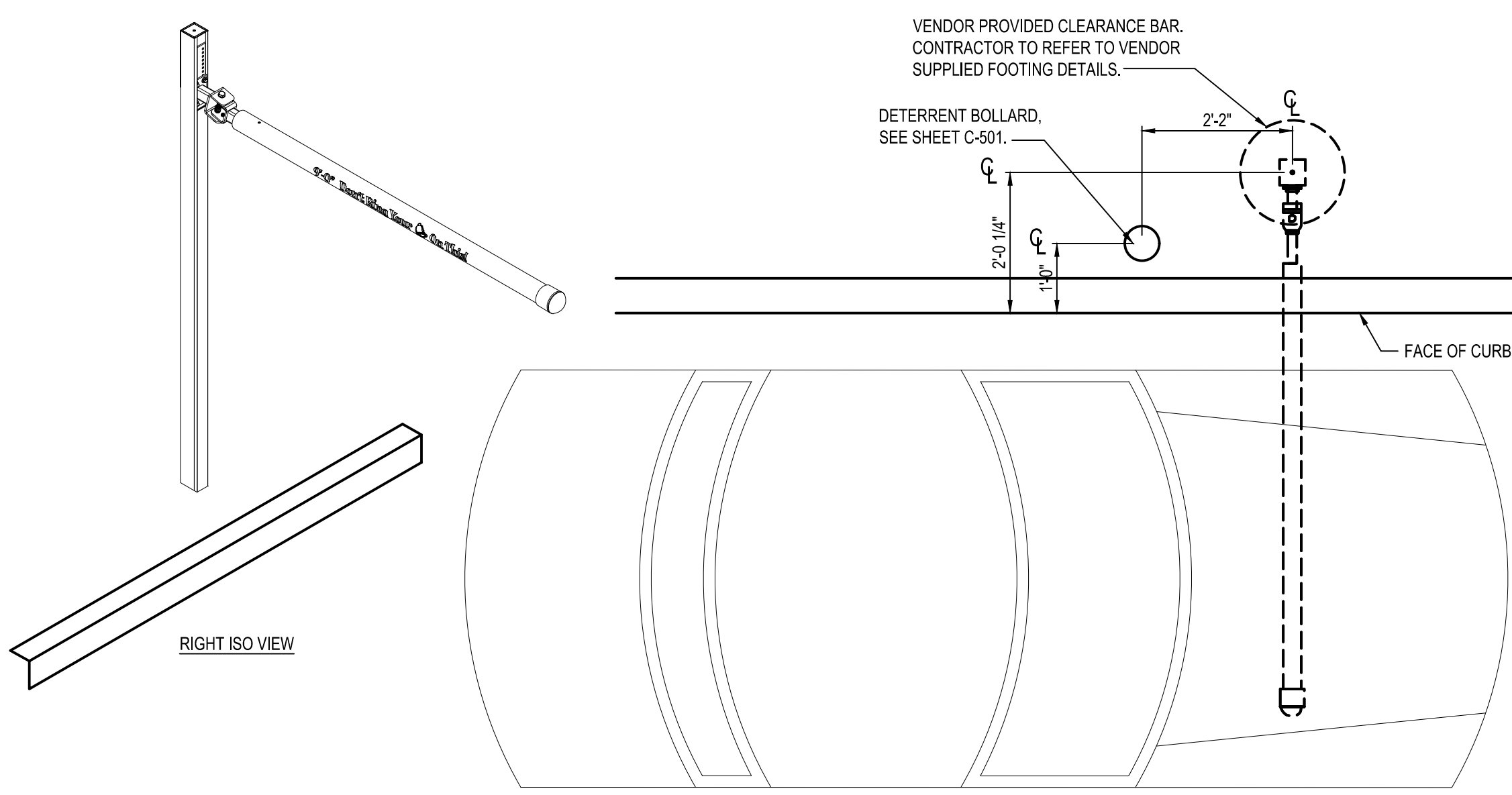


520 South Main Street, Suite 2531  
Akron, OH 44311  
330.572.2100 Fax 330.572.2101

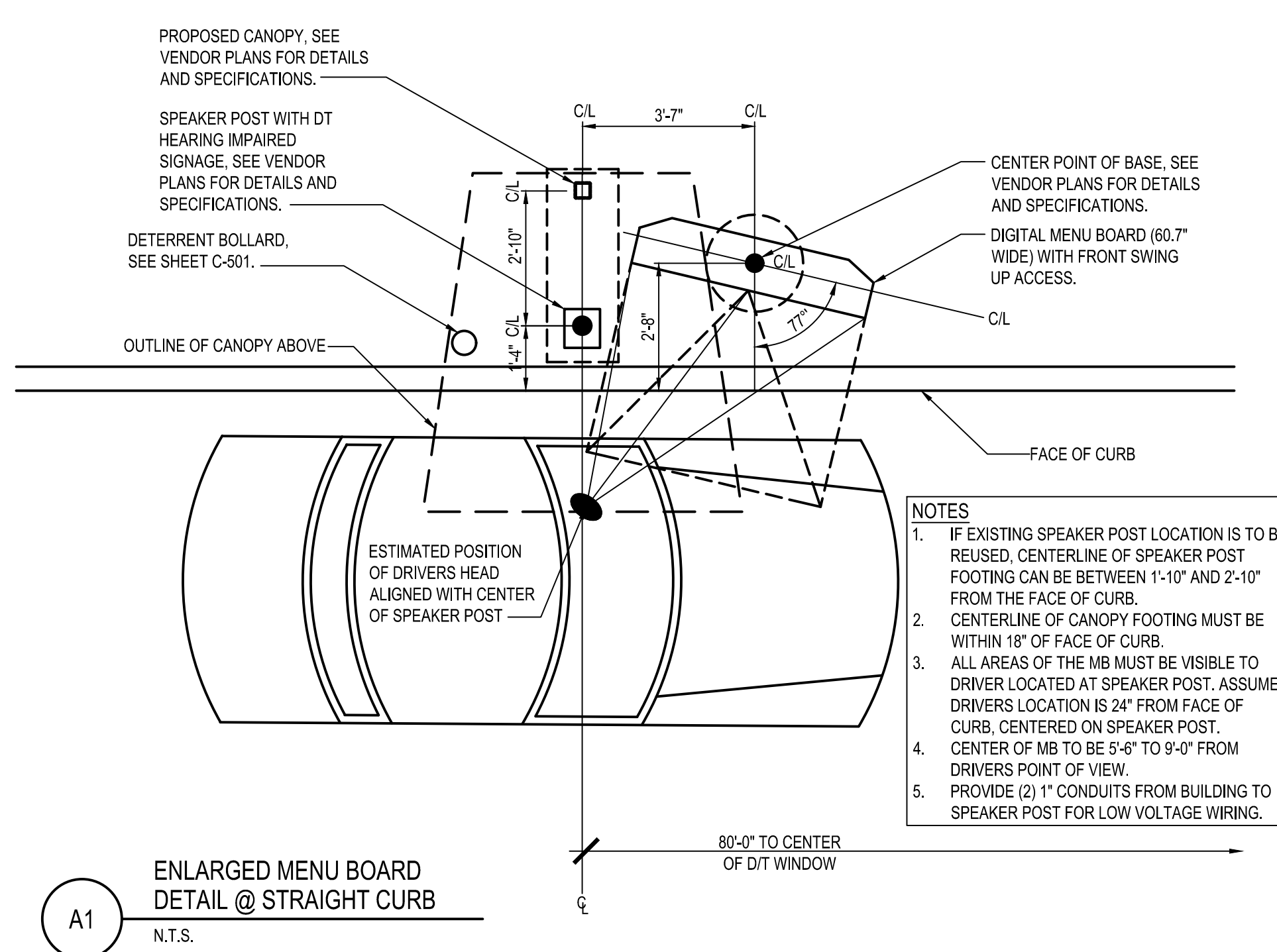


C1 ADA ACCESSIBLE RAMP - PARALLEL  
N.T.S.

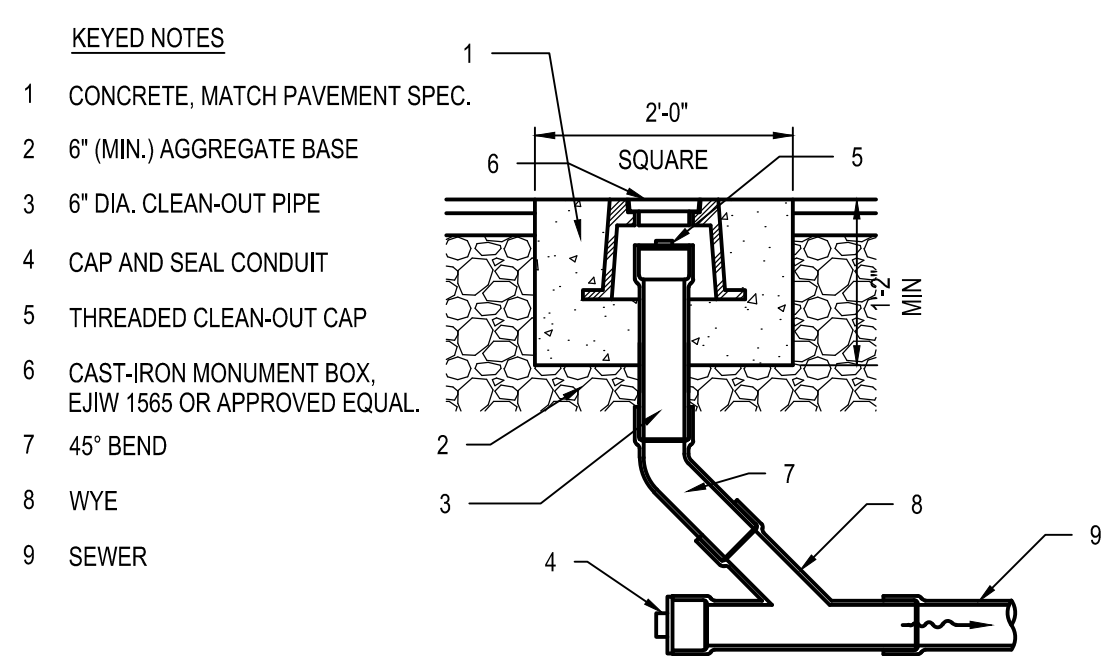
C3 ADA ACCESSIBLE RAMP - PERPENDICULAR  
N.T.S.



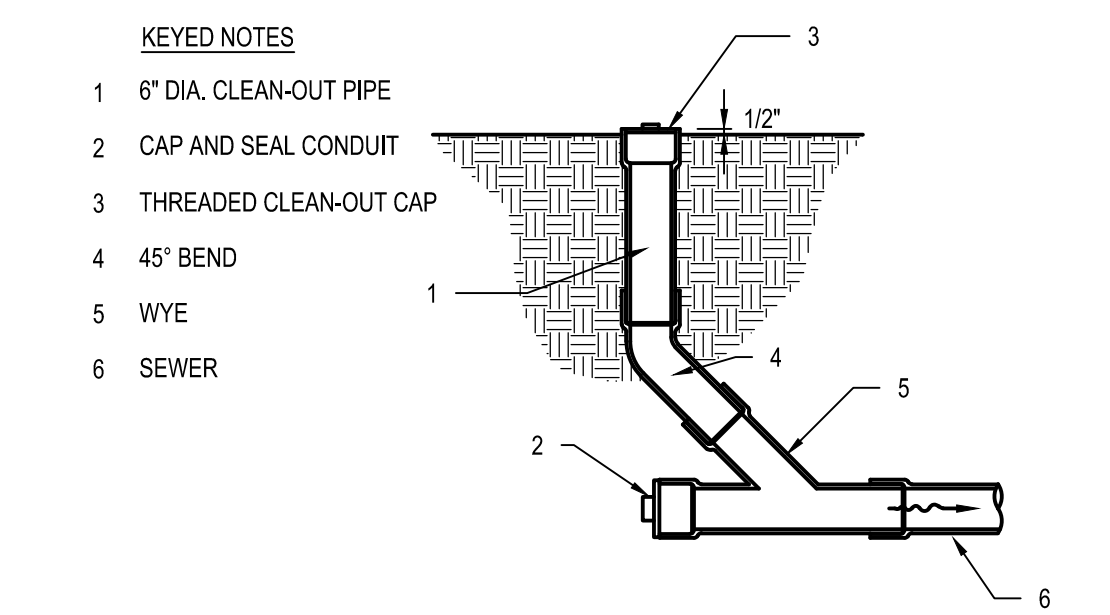
B1 PORTAL PLACEMENT DETAIL  
N.T.S.



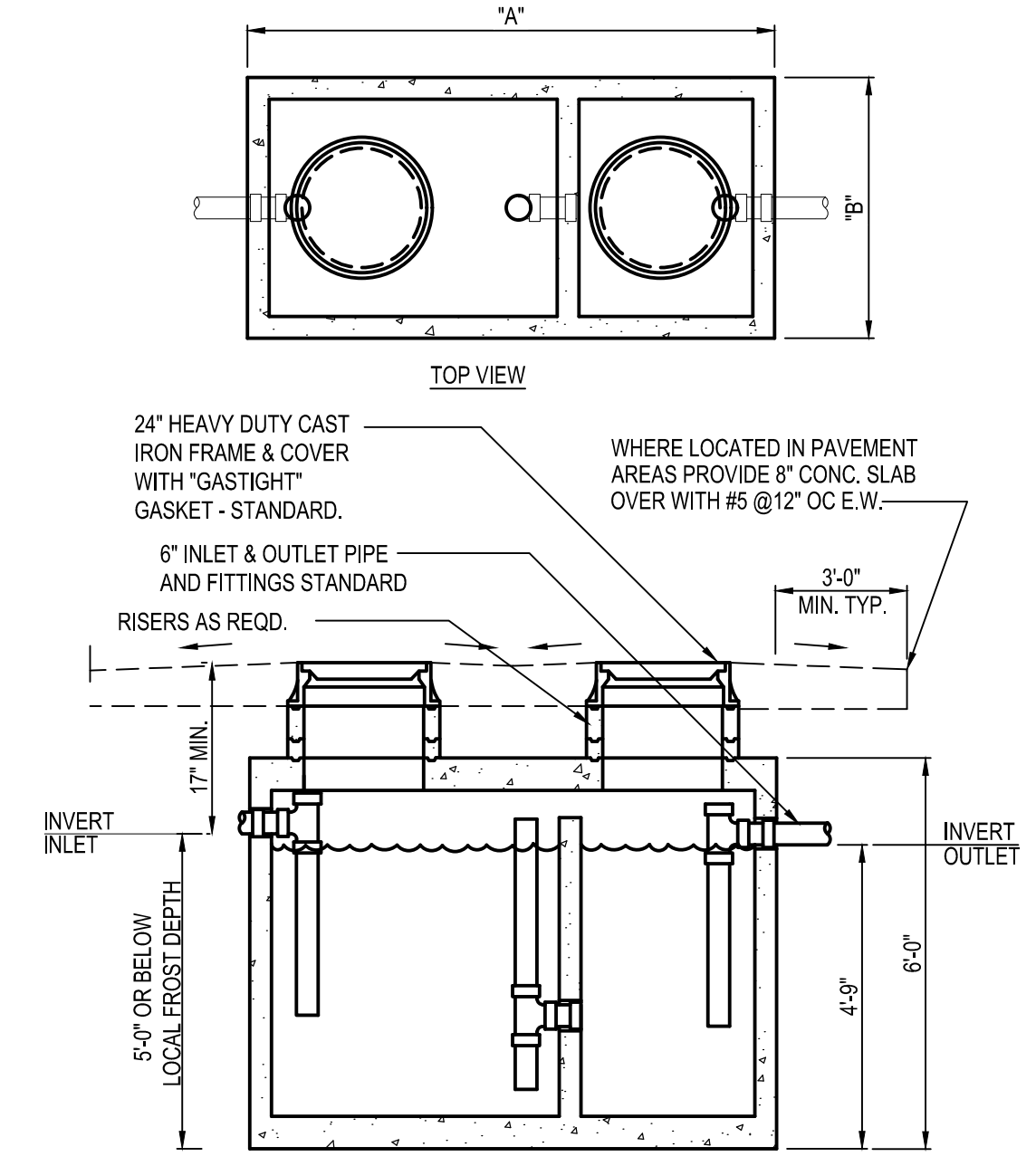
A1 ENLARGED MENU BOARD  
DETAIL @ STRAIGHT CURB  
N.T.S.



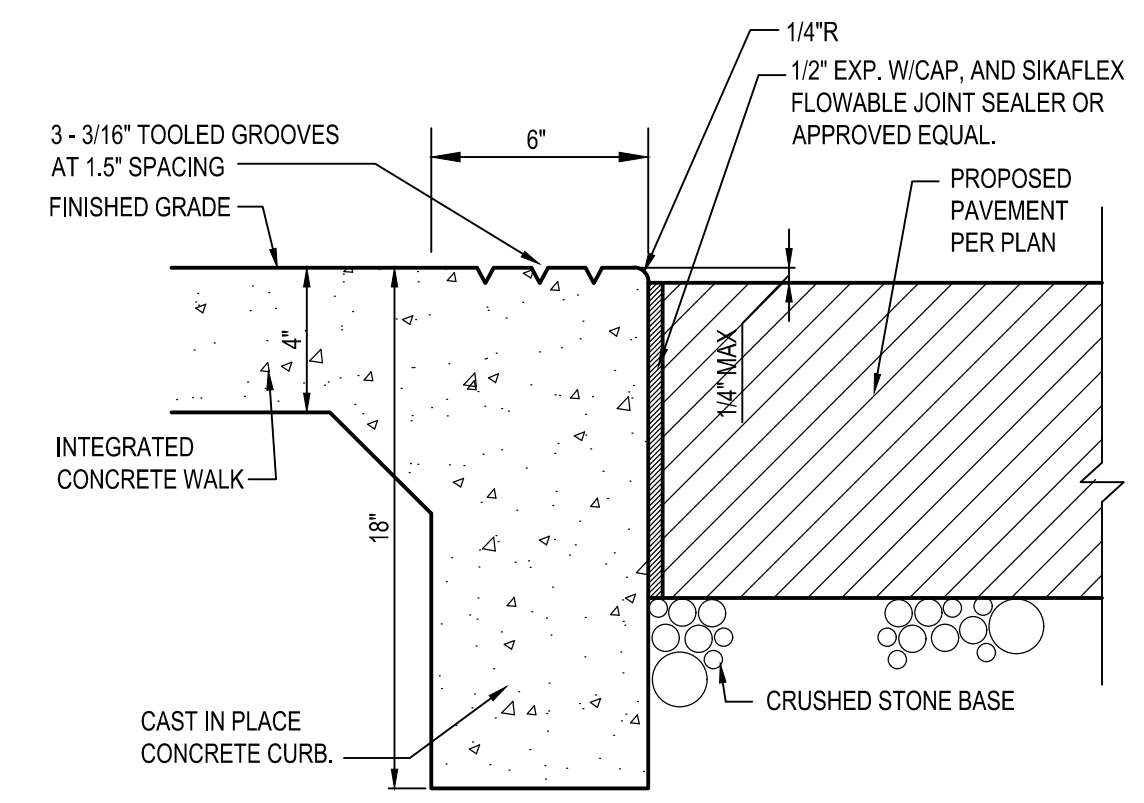
B2 CLEAN OUT (PAVEMENT AREA)  
N.T.S.



A3 CLEAN OUT (LAWN AREA)  
N.T.S.



A3 EXTERIOR GREASE INTERCEPTOR  
N.T.S.



B4 FLUSH CURB  
N.T.S.

- NOTES:  
1. REFER TO CONCRETE NOTES ON SHEET C-001 FOR CONCRETE SPECIFICATION.  
2. SIDEWALK WIDTH AS SHOWN ON SITE PLAN.

DEVICE	POWER	DATA
DIRECTIONAL SPEAKER POST	(1) 3/4"	(1) 1"
MENU BOARD	(1) 1"	(2) 1"
PREVIEW BOARD (OPTIONAL)	(1) 1"	(2) 1"

NOTE:  
ALL CONDUIT TO BE MIN. 12" BELOW GRADE OR LOCAL FROST DEPTH AND PROJECT 3" ABOVE FOUNDATION.

A5 FOUNDATION CONDUIT DETAIL  
N.T.S.

DATE	REMARKS

CONTRACT DATE:                    -  
BUILDING TYPE:                    END 20  
PLAN VERSION:                    -  
BRAND DESIGNER:                -  
SITE NUMBER:                    -  
STORE NUMBER:                 -  
PA/PM:                                AB  
DRAWN BY.:                         KK  
JOB NO.:                             2020188.06

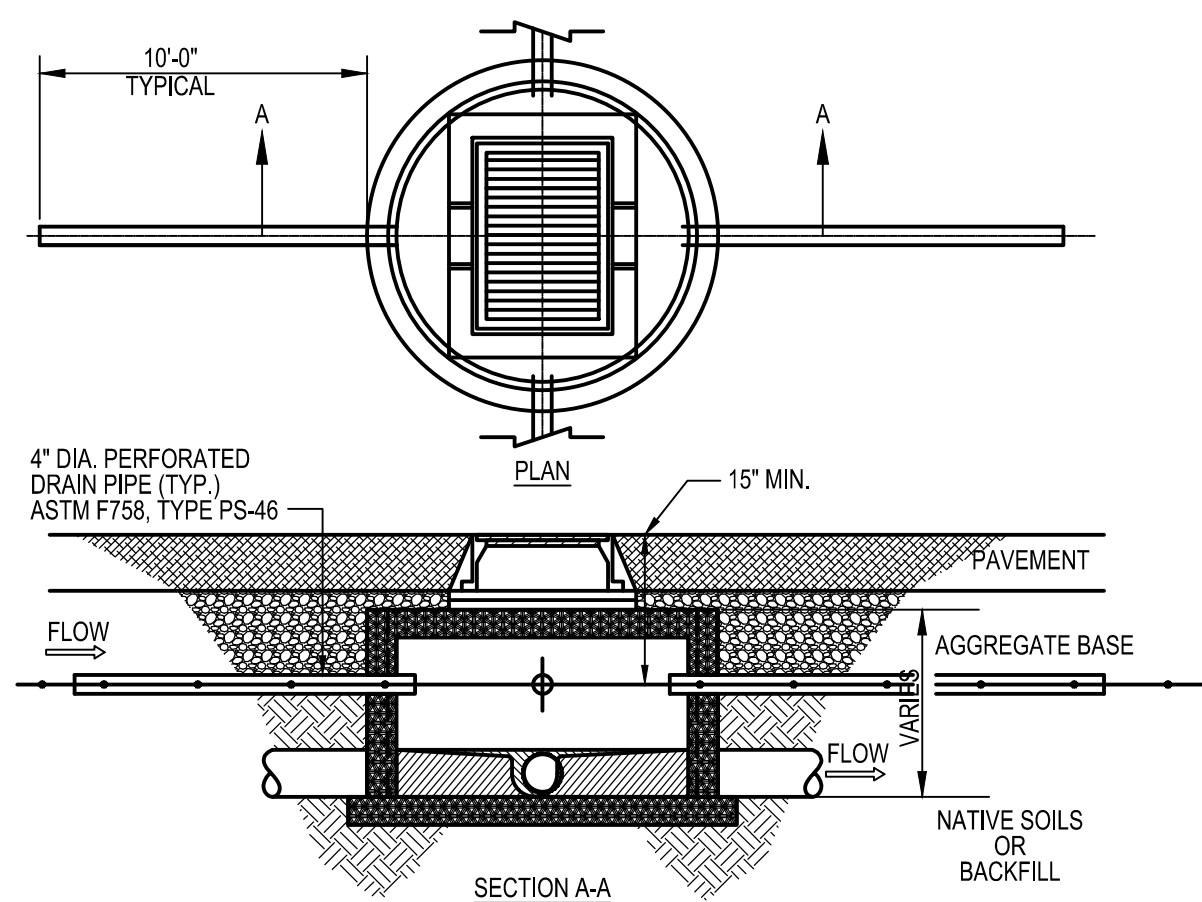
**TACO BELL**  
3039 DIXIE HWY.  
EDGEWOOD, KY 41017



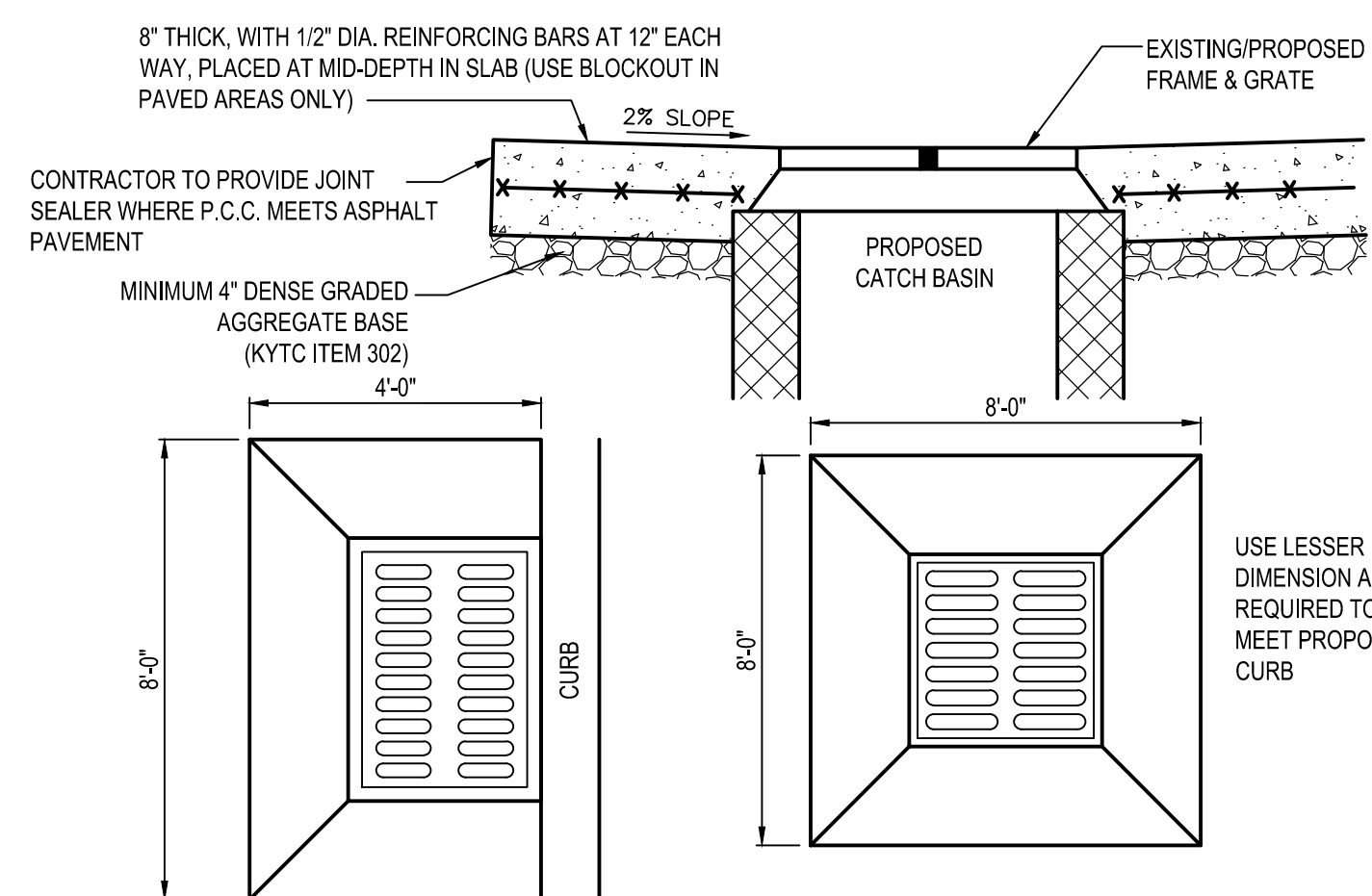
END 20  
DETAIL

**C-502**

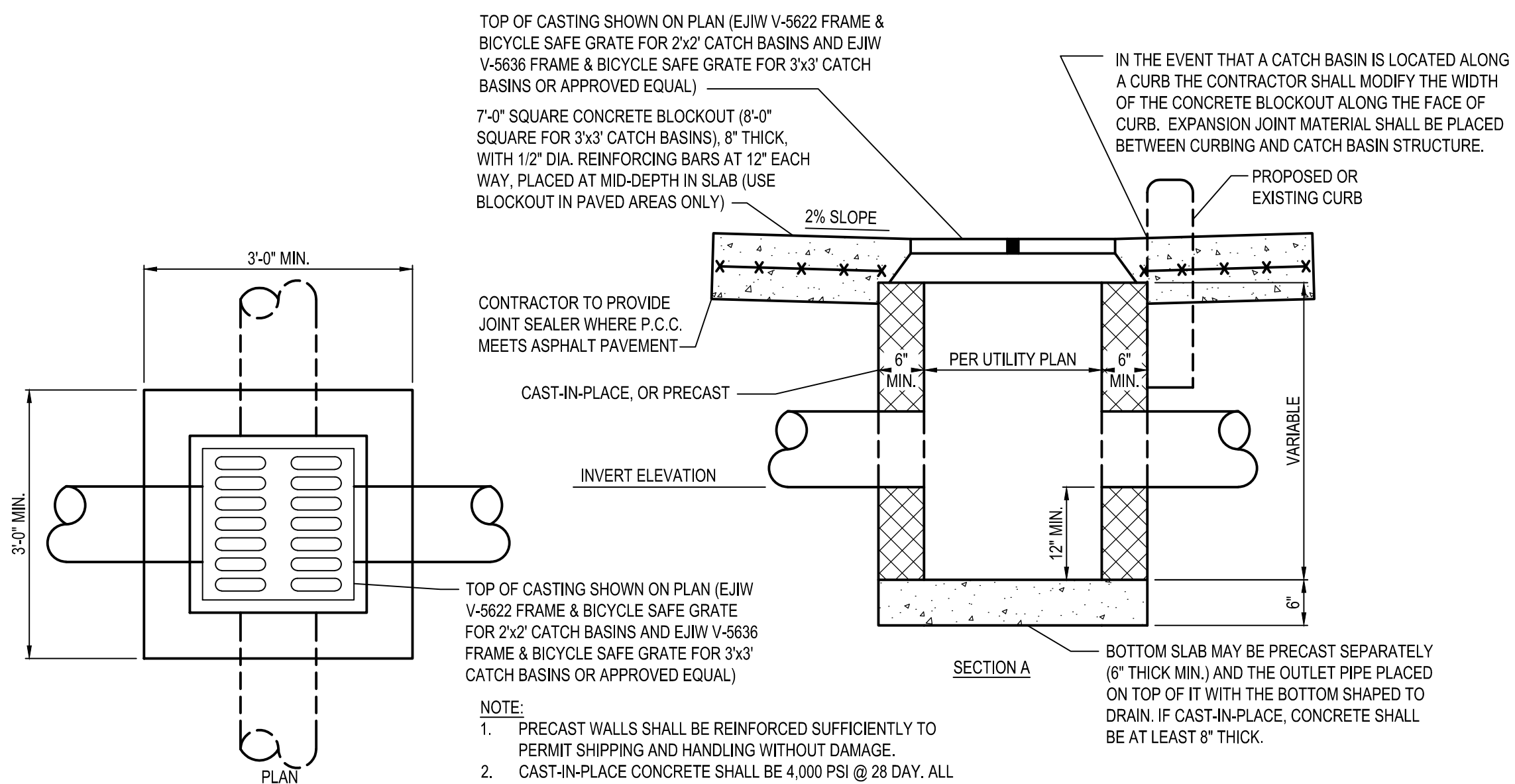
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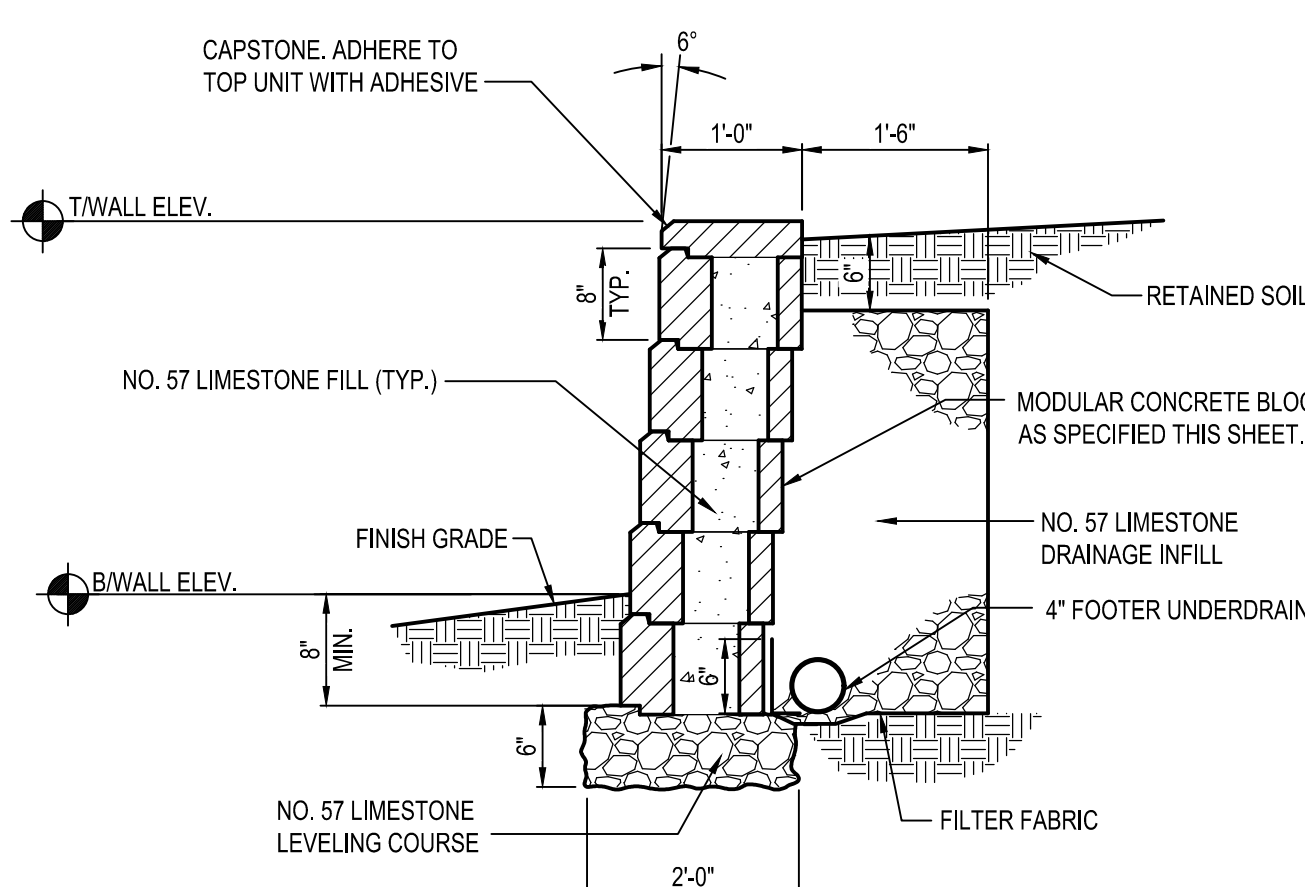
**C1** FINGER DRAIN DETAIL  
N.T.S.



**B1** CONCRETE COLLAR  
N.T.S.



**A1** CATCH BASIN  
N.T.S.



**C4** STORM SEWER MANHOLE  
N.T.S.

**GENERAL NOTES:**

1. WORK INCLUDES FURNISHING AND INSTALLING MODULAR CONCRETE BLOCK RETAINING WALL UNITS, WALL INFILL, GRAVEL LEVELING COURSE & FILTER FABRIC TO THE LINES AND GRADES DESIGNATED ON THE CONSTRUCTION DRAWINGS AND AS SPECIFIED HEREIN.
2. MODULAR CONCRETE BLOCK SHOWN IN SECTION ARE AS MANUFACTURED BY ALLAN BLOCK. MODULAR BLOCK RETAINING WALL SHALL MATCH EXISTING IN KIND, TEXTURE AND COLOR. CONTRACTOR SHALL SUBMIT SAMPLE TO ENGINEER OF RECORD & OWNER FOR APPROVAL PRIOR TO ORDERING OF MATERIAL.

**REFERENCE STANDARDS**

ASTM C1372-97 STANDARD SPECIFICATIONS FOR SEGMENTAL RETAINING WALL UNITS.

**DELIVERY, STORAGE, AND HANDLING**

- A. CONTRACTOR SHALL CHECK THE MATERIALS UPON DELIVERY TO ASSURE PROPER MATERIAL HAS BEEN RECEIVED.
- B. CONTRACTOR SHALL PREVENT EXCESSIVE MUD, WET CEMENT, AND LIKE MATERIALS FROM COMING IN CONTACT WITH THE MATERIALS.
- C. CONTRACTOR SHALL PROTECT THE MATERIALS FROM DAMAGE. DAMAGED MATERIAL SHALL NOT BE INCORPORATED IN THE PROJECT.

**MATERIALS**

**MODULAR WALL UNITS**

- A. WALL UNITS SHALL BE ALLAN BLOCK CLASSIC RETAINING WALL UNITS WITH A 6" SET BACK AS PRODUCED BY A LICENSED MANUFACTURER.
- B. WALL UNITS SHALL HAVE MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI IN ACCORDANCE WITH ASTM C1372-97. THE CONCRETE UNITS SHALL HAVE ADEQUATE FREEZE-THAW PROTECTION WITH AN AVERAGE ABSORPTION RATE OF 7.5 LB/FT<sup>3</sup>.
- C. EXTERIOR DIMENSIONS SHALL BE UNIFORM AND CONSISTENT. MAXIMUM DIMENSIONAL DEVIATIONS SHALL BE 0.125 INCH, NOT INCLUDING TEXTURED FACE.
- D. WALL UNITS SHALL PROVIDE A MINIMUM OF 110 POUNDS TOTAL WEIGHT PER SQUARE FOOT OF WALL FACE AREA. FILL CONTAINED WITHIN THE UNITS MAY BE CONSIDERED 80% EFFECTIVE WEIGHT.
- E. EXTERIOR FACE SHALL BE TEXTURED. COLOR SHALL MATCH EXISTING MODULAR BLOCK RETAINING WALL. SUBMIT SAMPLE TO OWNER & ENGINEER FOR APPROVAL.

**ACCEPTABLE MANUFACTURERS**

- A. A MANUFACTURER'S PRODUCT SHALL BE APPROVED BY THE ENGINEER.

**CAPSTONE ADHESIVE**

- A. CAPSTONE ADHESIVE SHALL BE SIKADUR 31, HI-MOD GEL OR AN APPROVED EQUAL.

**WALL INFILL & LEVELING COURSE**

- A. MATERIAL SHALL BE NO. 57 LIMESTONE(3/4")

**FILTER FABRIC**

- A. FILTER FABRIC SHALL SATISFY THE REQUIREMENTS OF KYTC ITEM 843.01

**WALL CONSTRUCTION EXCAVATION**

CONTRACTOR SHALL EXCAVATE TO THE LINES AND GRADES SHOWN ON THE CONSTRUCTION DRAWINGS. CONTRACTOR SHALL USE CAUTION NOT TO OVER-EXCAVATE BEYOND THE LINES SHOWN, OR TO DISTURB THE BASE ELEVATIONS BEYOND THOSE SHOWN.

**FOUNDATION SOIL PREPARATION**

- A. FOUNDATION SOIL SHALL BE EXCAVATED AS DIMENSIONED ON THE PLANS AND COMPACTED TO A MIN. 90% COMPACTION PRIOR TO PLACEMENT OF THE BASE MATERIAL.
- B. FOUNDATION SOIL SHALL BE EXAMINED BY THE ENGINEER TO INSURE THAT THE ACTUAL FOUNDATION SOIL STRENGTH MEETS OR EXCEEDS ASSUMED DESIGN STRENGTH. SOIL NOT MEETING THE REQUIRED STRENGTH SHALL BE REMOVED AND REPLACED WITH ACCEPTABLE MATERIAL.
- C. OVER-EXCAVATED AREAS SHALL BE FILLED WITH APPROVED COMPACTED BACKFILL MATERIAL.
- D. FOUNDATION SOIL SHALL BE PROOF ROLLED PRIOR TO FILL.

**BASE**

- A. BASE MATERIAL SHALL BE PLACED AS SHOWN ON CONSTRUCTION DRAWING. TOP OF BASE SHALL BE LOCATED TO ALLOW BOTTOM WALL UNITS TO BE BURIED TO PROPER DEPTHS AS PER WALL HEIGHTS AND SPECIFICATIONS.
- B. BASE MATERIAL SHALL BE INSTALLED ON UNDISTURBED NATIVE SOILS OR SUITABLE REPLACEMENT FILLS COMPACTED AT 90% STANDARD PROCTOR.
- C. BASE SHALL BE COMPACTED AT 90% STANDARD PROCTOR TO PROVIDE A LEVEL HARD SURFACE ON WHICH TO PLACE THE FIRST COURSE OF BLOCKS. THE BASE SHALL BE CONSTRUCTED TO INSURE PROPER WALL EMBEDMENT AND THE FINAL ELEVATION SHOWN ON THE PLANS. WELL-GRADED SAND CAN BE USED TO SMOOTH THE TOP 1/2 INCH ON THE LEVELING PAD.
- D. BASE MATERIAL SHALL BE A 6 INCH MINIMUM DEPTH.

**WALL INSTALLATION**

- A. THE FIRST COURSE OF WALL UNITS SHALL BE PLACED ON THE PREPARED BASE. THE UNITS SHALL BE CHECKED FOR LEVEL AND ALIGNMENT AS THEY ARE PLACED.
- B. ENSURE THAT UNITS ARE IN FULL CONTACT WITH BASE. PROPER CARE SHALL BE TAKEN TO DEVELOP STRAIGHT LINES AND SMOOTH CURVES ON BASE COURSE AS PER WALL LAYOUT.
- C. ALL CAVITIES IN AND AROUND THE BASE ROW SHALL BE FILLED WITH BASE MATERIALS AND COMPACTED. BACKFILL FRONT AND BACK OF ENTIRE BASE ROW TO FIRMLY LOCK IN PLACE. CHECK AGAIN FOR LEVEL AND ALIGNMENT. ALL EXCESS MATERIAL SHALL BE SWEEPED FROM TOP OF UNITS.
- D. INSTALL NEXT COURSE OF WALL UNITS ON TOP OF BASE ROW. POSITION BLOCKS TO BE OFFSET FROM SEAMS OF BLOCKS BELOW IN A RUNNING BOND PATTERN. CHECK EACH BLOCK FOR PROPER ALIGNMENT AND LEVEL. FILL ALL CAVITIES IN WALL UNITS.
- E. INSTALL EACH SUBSEQUENT COURSE IN LIKE MANNER. REPEAT PROCEDURE TO THE EXTENT OF WALL HEIGHT.
- F. ALLOWABLE CONSTRUCTION TOLERANCE AT THE WALL FACE IS 2 DEGREES VERTICALLY AND 1 INCH IN 10 FEET HORIZONTALLY.

**B1** MODULAR BLOCK RETAINING WALL  
N.T.S.

DATE	REMARKS

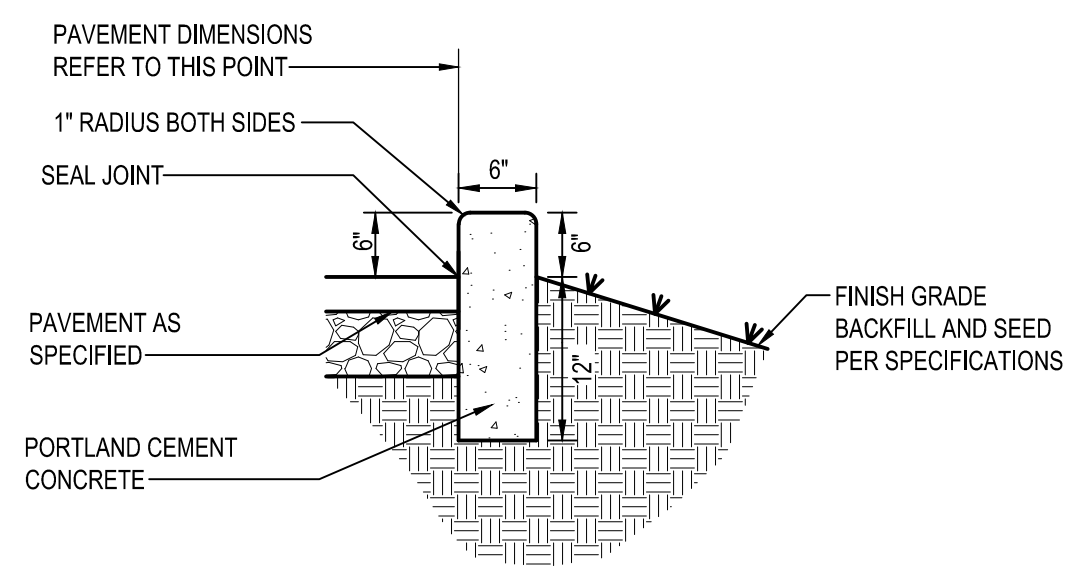
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 BUILDING TYPE: \_\_\_\_\_ END 20  
 PLAN VERSION: \_\_\_\_\_  
 BRAND DESIGNER: \_\_\_\_\_  
 SITE NUMBER: \_\_\_\_\_  
 STORE NUMBER: \_\_\_\_\_  
 PA/PM: \_\_\_\_\_ AB  
 DRAWN BY: \_\_\_\_\_ KK  
 JOB NO.: \_\_\_\_\_ 2020188.06

**TACO BELL**  
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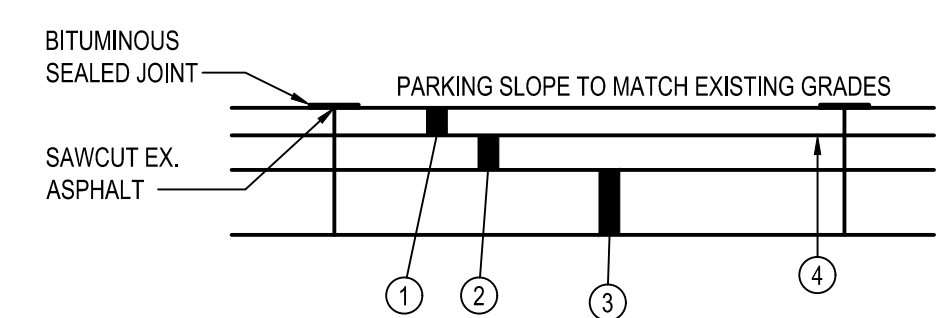


END 20  
 DETAIL

**C-503**  
 PLOT DATE: \_\_\_\_\_



**B1** FREESTANDING CONCRETE CURB  
N.T.S.

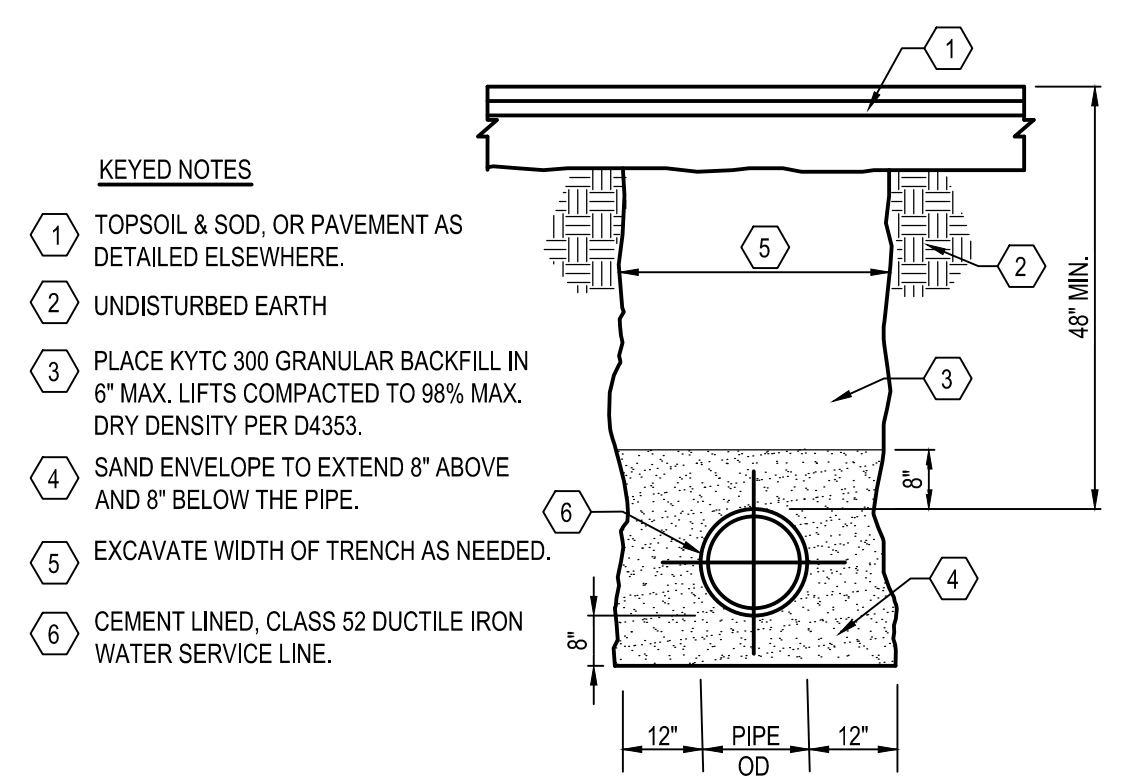


- 1 1.5" PROPOSED MILL AND FILL ASPHALT SURFACE COURSE (KYTC ITEM 410)
- 2 EXISTING INTERMEDIATE COURSE TO REMAIN
- 3 EXISTING AGGREGATE BASE TO REMAIN
- 4 TACK COAT (KYTC ITEM 406)

**NOTES:**

1. APPLY LIQUID ASPHALT AT ALL JOINTS BETWEEN CONCRETE AND ASPHALT AND WHERE PROPOSED ASPHALT MEETS EXISTING ASPHALT INCLUDING SAW CUT JOINTS.
2. ALL RECOMMENDED ASPHALT MATERIALS SHALL CONFORM TO KENTUCKY TRANSPORTATION CABINET (KYTC) DESIGN CRITERIA. SEE SOILS REPORT FOR ADDITIONAL RECOMMENDATIONS.

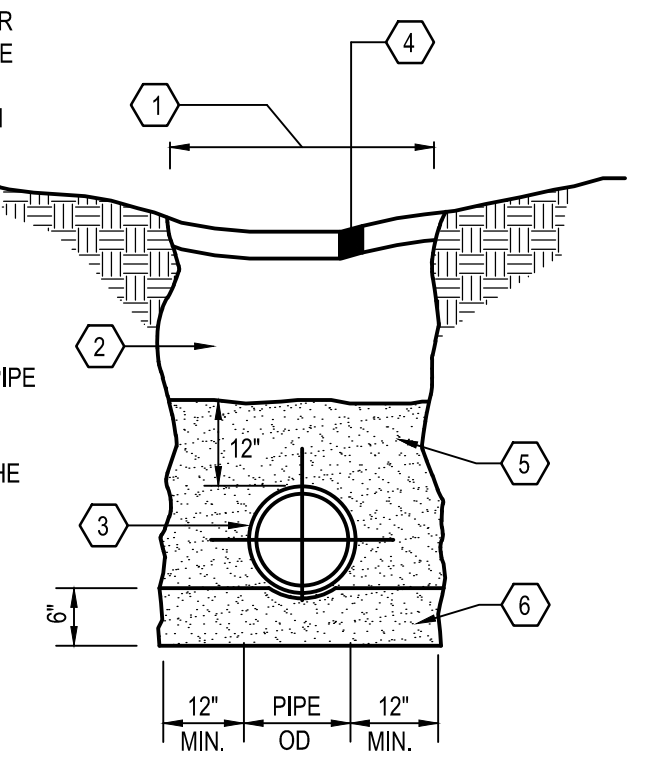
**A1** ASPHALT MILL AND OVERLAY SECTION  
N.T.S.



**B2** WATER SERVICE TRENCH  
N.T.S.

**KEYED NOTES**

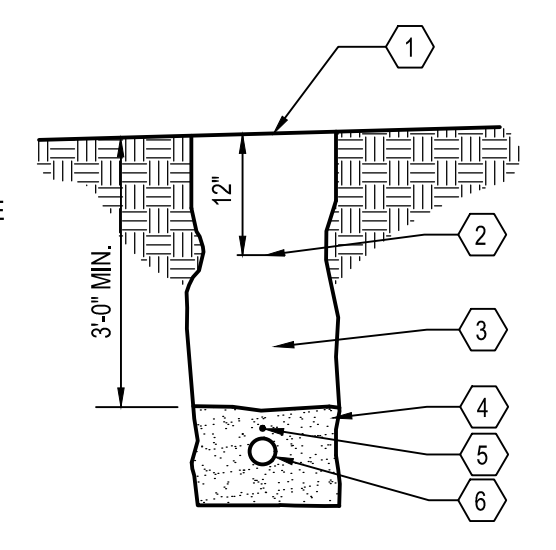
- 1 EXCAVATE WIDTH OF TRENCH AS NEEDED
- 2 PLACE SUITABLE SOIL OR GRANULAR BACKFILL IN 6" MAX. LIFTS. SUITABLE SOIL SHALL BE COMPACTED TO 90% MIN. (98% MIN. UNDER PAVEMENT) DRY DENSITY, PER ASTM D698. GRANULAR BACKFILL SHALL BE COMPACTED TO 75% (80% UNDER PAVEMENT) RELATIVE DENSITY, PER ASTM 4353. GRANULAR BACKFILL REQUIRED UNDER PAVEMENT.
- 3 PROPOSED STORM OR SANITARY SEWER
- 4 TOPSOIL, SEED, AND MULCHING OR PAVEMENT AS DETAILED ELSEWHERE.
- 5 NO. 57 OR NO. 67 AGGREGATE PLACED A MINIMUM OF 12" ABOVE THE TOP OF THE PIPE
- 6 NO. 57 OR NO. 67 AGGREGATE PLACED A MINIMUM OF 6" BELOW THE BOTTOM OF THE PIPE



**A2** SEWER TRENCH  
N.T.S.

**KEYED NOTES**

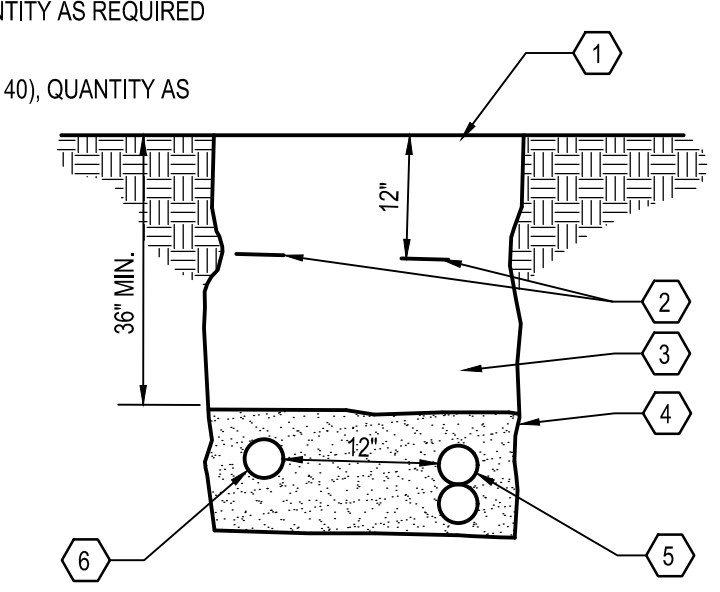
- 1 TOPSOIL & SOD, OR PAVEMENT AS DETAILED ELSEWHERE.
- 2 CONTINUOUS METALLIC WARNING TAPE
- 3 CLEAN SELECT GRANULAR BACKFILL
- 4 6" CLEAN SAND ENVELOPE
- 5 TRACKER WIRE
- 6 GAS SERVICE LINE PER DUKE ENERGY STANDARDS



**A3** GAS SERVICE TRENCH  
N.T.S.

**KEYED NOTES**

- 1 TOPSOIL & SOD, OR PAVEMENT AS DETAILED ELSEWHERE.
- 2 CONTINUOUS METALLIC WARNING TAPE
- 3 CLEAN SELECT GRANULAR BACKFILL
- 4 6" CLEAN SAND ENVELOPE
- 5 4" PVC ELECTRICAL CONDUITS (SCHEDULE 40), QUANTITY AS REQUIRED
- 6 4" PVC TELEPHONE CONDUIT (SCHEDULE 40), QUANTITY AS REQUIRED



**A4** ELECTRICAL & COMMUNICATIONS SERVICE TRENCH  
N.T.S.

DATE	REMARKS

CONTRACT DATE: -  
BUILDING TYPE: END 20  
PLAN VERSION: -  
BRAND DESIGNER:  
SITE NUMBER:  
STORE NUMBER:  
PA/PM: AB  
DRAWN BY.: KK  
JOB NO.: 2020188.06

**TACO BELL**

3039 DIXIE HWY.  
EDGEWOOD, KY 41017

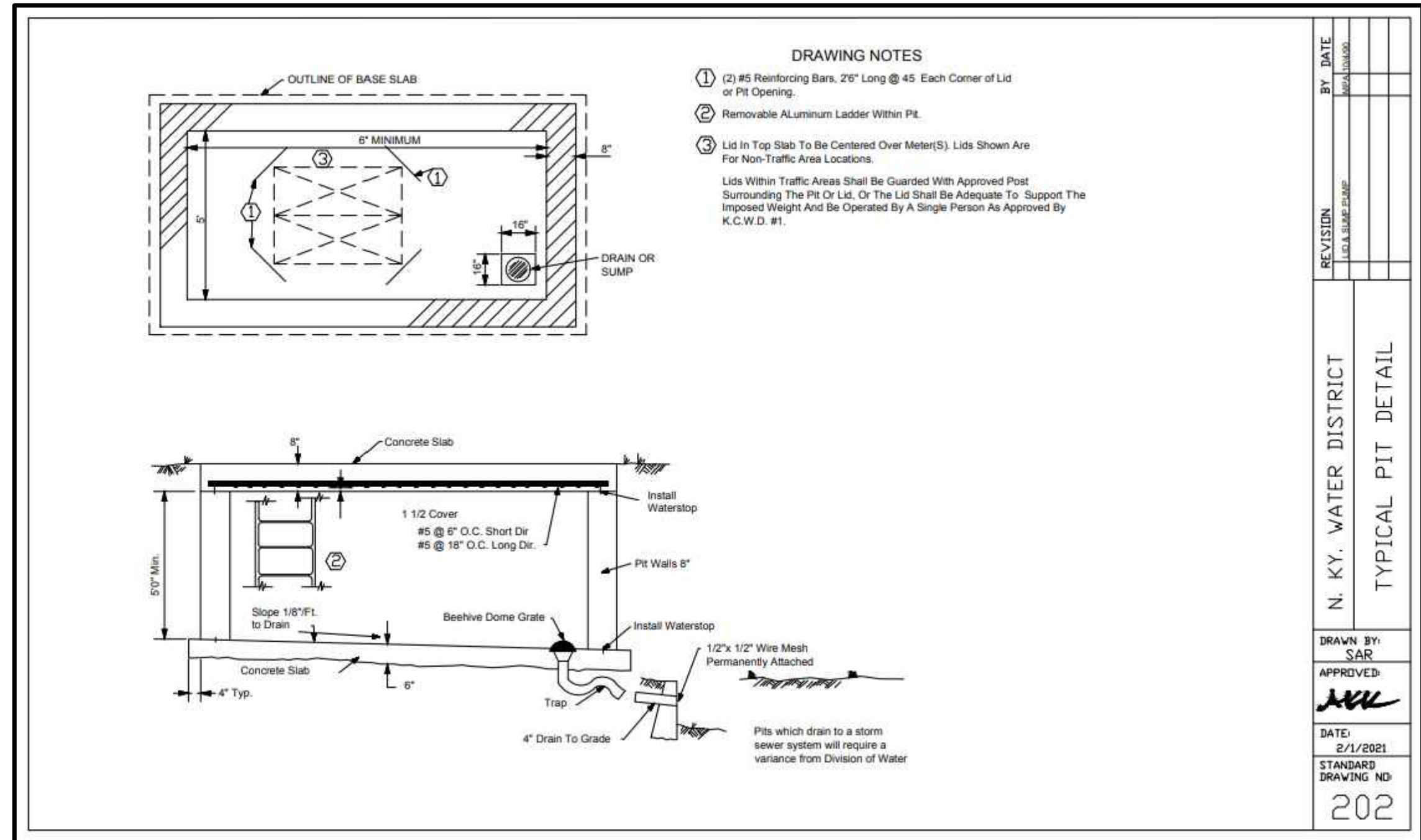
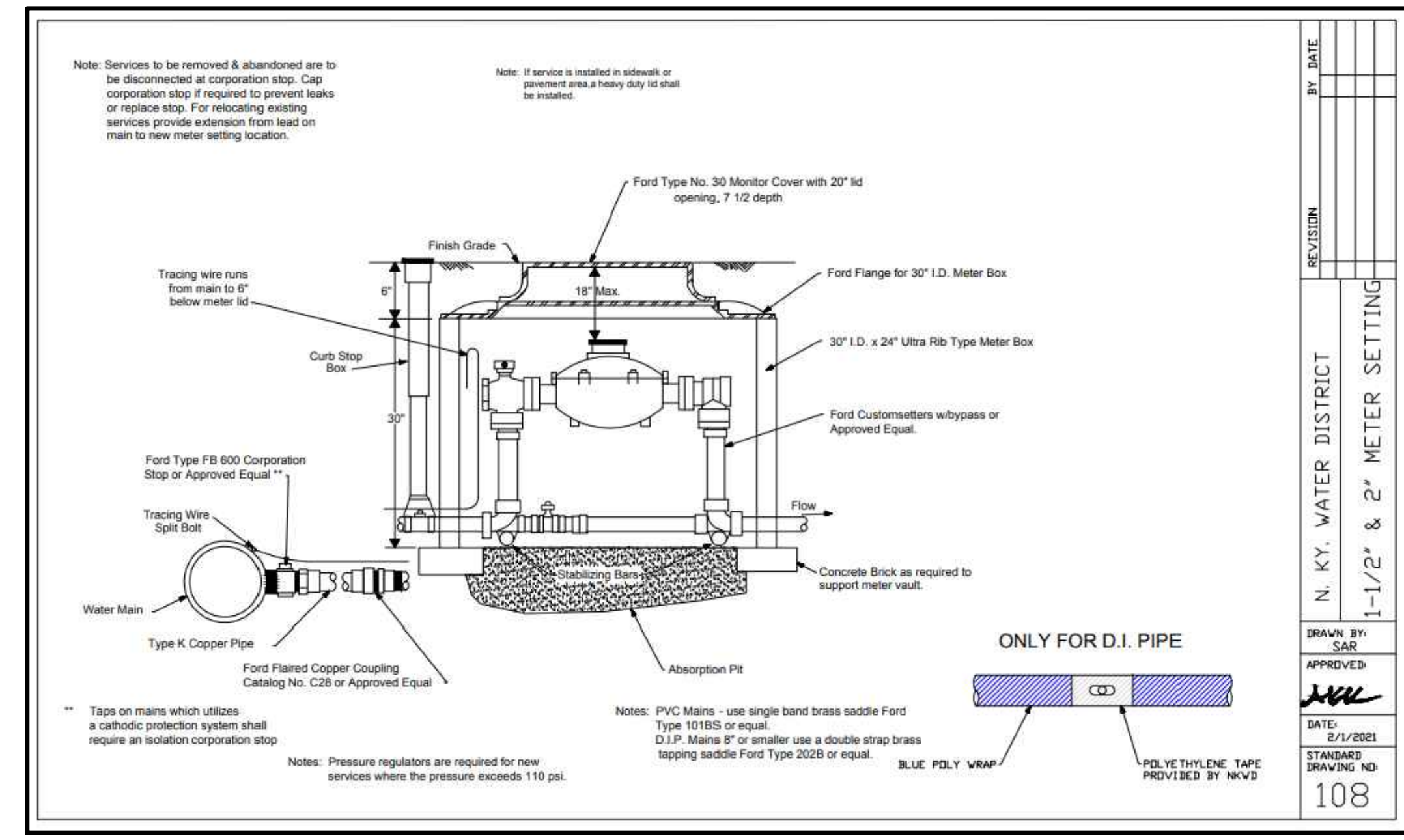
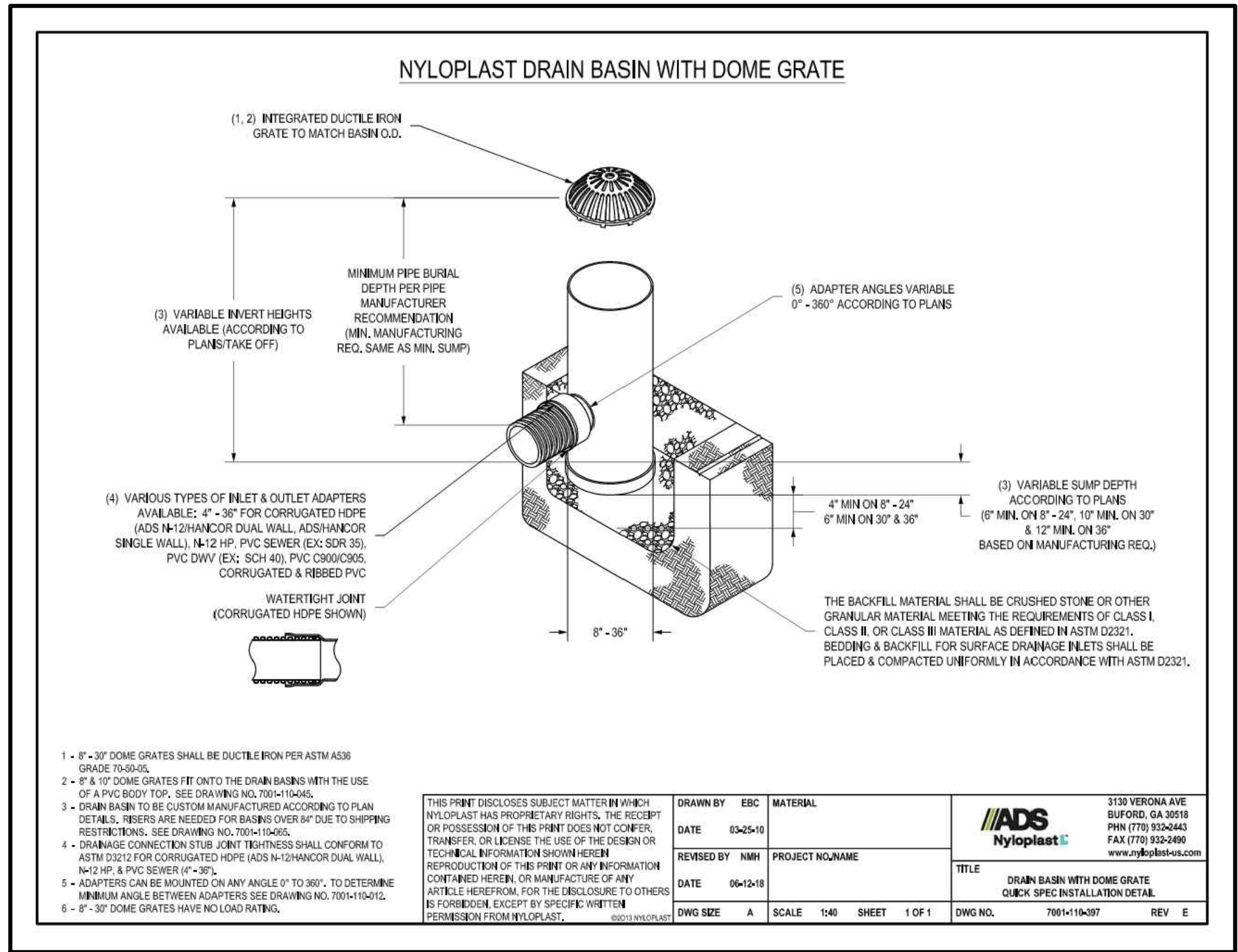


END 20

DETAIL

**C-504**

PLOT DATE:



FOR  
REFERENCE  
ONLY

DATE	REMARKS

CONTRACT DATE: \_\_\_\_\_  
 BUILDING TYPE: \_\_\_\_\_ END 20  
 PLAN VERSION: \_\_\_\_\_  
 BRAND DESIGNER: \_\_\_\_\_  
 SITE NUMBER: \_\_\_\_\_  
 STORE NUMBER: \_\_\_\_\_  
 PA/PM: \_\_\_\_\_ AB  
 DRAWN BY: \_\_\_\_\_ KK  
 JOB NO.: \_\_\_\_\_ 2020188.06

**TACO BELL**  
 3039 DIXIE HWY.  
 EDGEWOOD, KY 41017



END 20  
 DETAIL

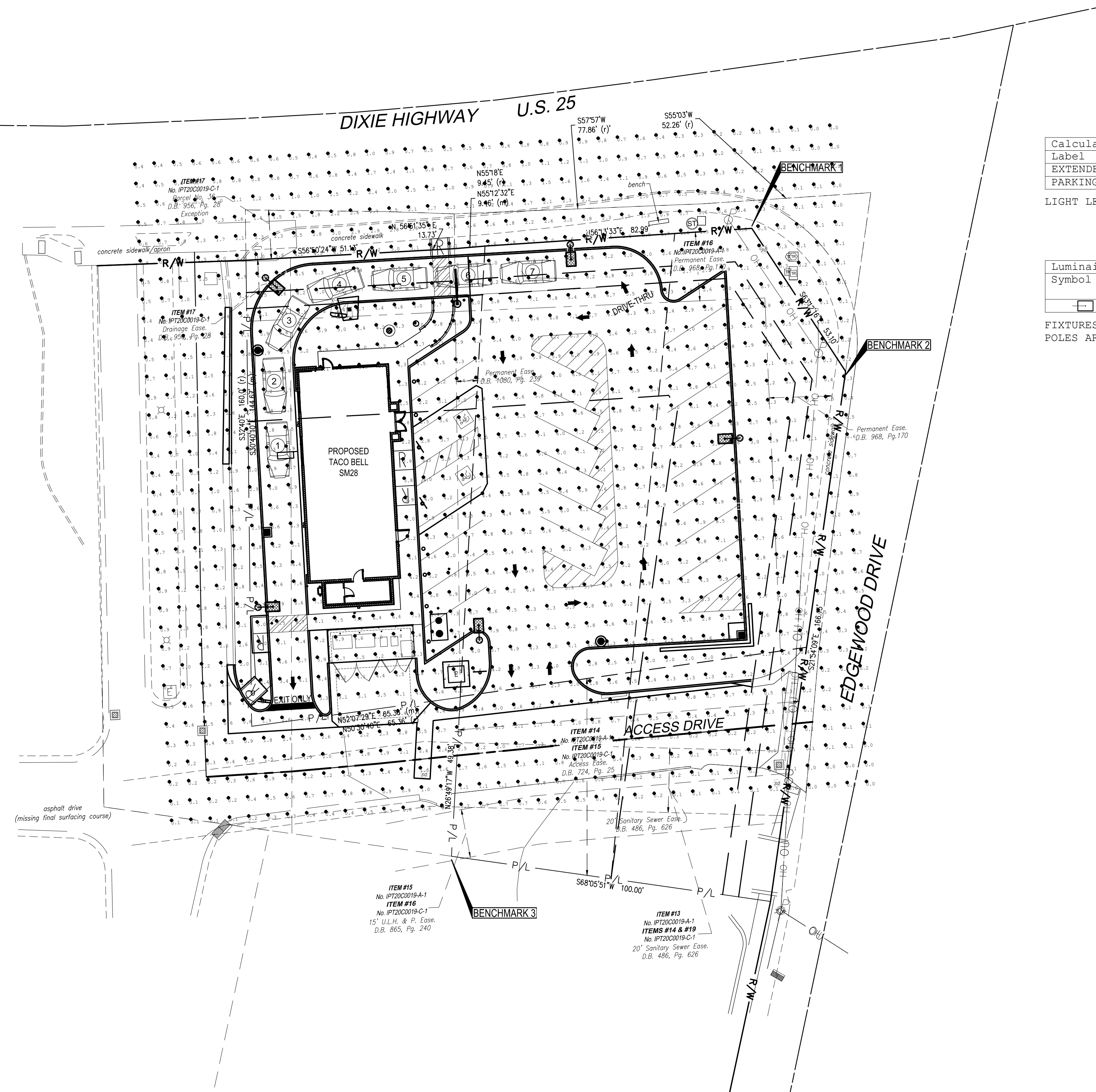
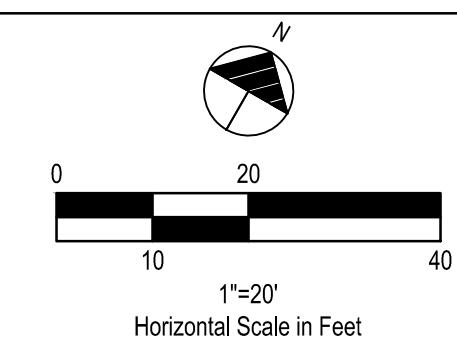
**C-505**

PLOT DATE: \_\_\_\_\_





520 South Main Street, Suite 2531  
Akron, OH 44311  
330.572.2100 Fax 330.572.2101



Calculation Summary					
Label	Avg	Max	Min	Avg/Min	Max/Min
EXTENDED	2.78	8.9	0.0	N.A.	N.A.
PARKING LOT & DRIVE-THRU SURFACE	5.28	8.9	2.0	2.64	4.45

LIGHT LEVELS ARE MAINTAINED FOOT-CANDLES, INITIAL LEVELS ARE SLIGHTLY HIGHER

Luminaire Schedule							
Symbol	Qty	Label	Arrangement	Luminaire Lumens	LLF	Luminaire Watts	Description
[Symbol]	5	A	SINGLE	34219	0.900	262	VP-2-320L-255-4K7-4F-UNV-A-DBT / SES-25-40-01-F-B4-DBT

FIXTURES ARE 262W 4000K LED  
POLES ARE 25'-0" WITH AN OVERALL FIXTURE HEIGHT OF 27'-6" A.F.G.

DATE	REMARKS

CONTRACT DATE: \_\_\_\_\_  
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 BRAND DESIGNER: \_\_\_\_\_  
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 DRAWN BY: KK  
 JOB NO.: 2020188.06

**TACO BELL**  
 3039 DIXIE HWY.  
 EDGEWOOD, KY 41017



END 20  
 PHOTOMETRIC  
 PLAN

**C-701**

PLOT DATE: \_\_\_\_\_

**BENCHMARKS:**  
 BENCHMARK #1 - IRON PIN  
 N 554524.63, E 1544999.71  
 ELEVATION=845.46  
 BENCHMARK #2 - MAGNAIL AND WASHER  
 N 554500.67, E 1545047.08  
 ELEVATION=841.24  
 BENCHMARK #3 - MAGNAIL AND WASHER  
 N 554309.21, E 1545016.23  
 ELEVATION=844.22





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LANDSCAPE NOTES & PLANTING SPECIFICATIONS

**SCOPE OF WORK**

- THIS WORK SHALL CONSIST OF PERFORMING CLEARING AND GRUBBING, SOIL PREPARATION, FINISH GRADING, PLANTING AND DRAINAGE, INCLUDING ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT.
- QUANTITY TAKEOFF IS SUPPLIED FOR CONTRACTOR'S ASSISTANCE ONLY. CONTRACTOR IS RESPONSIBLE FOR SUPPLYING ALL PLANT MATERIALS AS PER PLAN.
- NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR WITHIN EASEMENT OR RIGHT-OF-WAY LIMITS.

**PRESERVATION/PROTECTION (IF APPLICABLE)**

- CONTRACTOR SHALL MAINTAIN AND PRESERVE TREES AND SHRUBS NOT BEING REMOVED, INCLUDING THEIR ROOTS. TREE PROTECTION FENCING SHALL BE USED AT THE DRIP LINE OF ALL TREES AND SHRUBS WITHIN 50 FEET OF CONSTRUCTION EXCEPT AS SHOWN ON PLAN. FENCING SHALL REMAIN IN PLACE UNTIL FINAL PLANT INSPECTION FOLLOWING CONSTRUCTION. MATERIALS SHALL NOT BE STOCKPILED WITHIN THIS DEFINED AREA AND VEHICLES AND OTHER EQUIPMENT SHALL BE OPERATED TO AVOID SOIL COMPACTION.
- FEEDER ROOTS SHOULD NOT BE CUT IN AN AREA EQUAL TO TWICE THE TREE CIRCUMFERENCE (MEASURED 6" ABOVE THE GROUND LINE IN INCHES) EXPRESSED IN FEET. (EXAMPLE: A CIRCUMFERENCE OF 10" WOULD HAVE A NO CUT ZONE OF 20 FEET IN ALL DIRECTIONS FROM THE TREE). THIS SHOULD APPLY TO UTILITY SERVICES, IF FEASIBLE. THE ONLY EXCEPTION TO THIS REQUIREMENT WILL BE THOSE SPECIFICALLY ALLOWED BY THE LANDSCAPE ARCHITECT, SPECIFICATIONS OR AS INDICATION ON THE PLANS.
- TREE TRUNKS AND EXPOSED ROOTS DAMAGED DURING EQUIPMENT OPERATIONS SHALL BE TREATED IN ACCORDANCE WITH THE ARBOR CULTURAL STANDARDS OF THE CITY.

**PLANT MATERIALS**

- GENERAL - ALL MATERIALS SHALL BE OF ITS KIND AVAILABLE AND SHALL HAVE BEEN GROWN IN A CLIMATE SIMILAR TO THAT ON SITE.
- PLANTS - ALL PLANTS SHALL BE HEALTHY, OF NORMAL GROWTH, WELL ROOTED, FREE FROM DISEASE AND INSECTS. QUALITY AND SIZE OF PLANT MATERIAL SHALL CONFORM TO ANSI Z60.1 "AMERICAN STANDARDS FOR NURSERY STOCK".
- VARIETIES AND SIZES OF PLANTS SHALL BE AS SHOWN ON DRAWINGS.
- PLANTS SHALL BE IN A HEALTHY, VIGOROUS CONDITION, FREE OF DEAD OR BROKEN BRANCHES, SCARS THAT ARE NOT COMPLETELY HEALED, FROST CRACKS, DISFIGURING KNOTS, BROKEN OR ABRADED BARK, REDUNDANT LEADERS OR BRANCHES, OR ABERATIONS OF ANY KIND. PLANTS SHALL NOT HAVE MULTIPLE LEADERS, UNLESS THIS IS THE NATURAL FORM.
- BALLED AND BURLAPPED (B&B) PLANTS SHALL BE DUG WITH A FIRM ROOT BALL OF NATURAL EARTH, OF A SIZE IN PROPORTION TO THE PLANT'S SIZE, AS MEASURED BY CALIPER, HEIGHT, OR SPREAD. BALLED AND BURLAPPED PLANTS SHALL BE HANDLED ONLY BY THE ROOT BALL, NOT BY THE TRUNK OR BRANCHES, AS THIS MAY BREAK OR LOOSEN THE ROOT BALL AND DAMAGE THE ROOT SYSTEM. CONTAINER PLANTS SHALL HAVE BEEN ESTABLISHED FOR A MINIMUM OF ONE FULL GROWING SEASON IN THEIR CONTAINERS BEFORE INSTALLATION. CONTAINER PLANTS SHALL BE HANDLED ONLY BY THE CONTAINER, NOT BY THE STEMS OR BRANCHES, AS THIS MAY PULL THE PLANT OUT OF THE CONTAINER AND BREAK OR LOOSEN THE ROOT BALL AND DAMAGE THE ROOT SYSTEM.
- PLANTS SHALL BE PROTECTED FROM DRYING OUT DURING SHIPPING WITH TARPULINS OR OTHER COVERINGS. PLANTS SHALL BE PROTECTED FROM DRYING OUT AFTER DELIVERY BY PLANTING IMMEDIATELY; IF THIS IS NOT POSSIBLE, THE ROOT BALL SHALL BE COVERED WITH PEAT MOSS OR EARTH, AND WATERED FREQUENTLY TO KEEP IT MOIST UNTIL PLANTING.
- DO NOT HANDLE, MOVE, BIND, TIE OR OTHERWISE TREAT PLANTS SO AS TO DAMAGE THE ROOT BALL, ROOTS, TRUNK, OR BRANCHES IN ANY WAY.

**TOPSOIL**

- TOPSOIL HAS BEEN (OR WILL BE) STOCKPILED FOR REUSE IN LANDSCAPE WORK, IF QUANTITY OF STOCKPILED TOPSOIL IS INSUFFICIENT, PROVIDE ADDITIONAL TOPSOIL AS REQUIRED TO COMPLETE LANDSCAPE WORK. IMPORTED TOPSOIL SHALL CONSIST OF LOOSE, FRIABLE, LOAMY TOPSOIL WITHOUT ADMIXTURE OF SUBSOIL OR REFUSE. ACCEPTABLE TOPSOIL SHALL CONTAIN NOT LESS THAN 3 PERCENT NOR MORE THAN 20 PERCENT ORGANIC MATTER.
- PLANTING BACKFILL FOR PARKING LOT ISLANDS SHALL CONSIST OF A HOMOGENEOUS MIXTURE OF 3 PARTS TOPSOIL TO ONE PART SPHAGNUM PEAT INSTALLED OVER A 6" THICKNESS OF NO. 57 AGGREGATE.

**SOIL CONDITIONING**

- OBTAIN LABORATORY ANALYSIS OF STOCKPILED AND IMPORTED TOPSOIL COMPLETE WITH RECOMMENDATIONS FOR SOIL AMENDMENT.
- BEFORE MIXING, CLEAN TOPSOIL OF ROOTS, PLANTS, SOD, STONES, CLAY LUMPS, AND OTHER EXTRANEIOUS MATERIALS HARMFUL OR TOXIC TO PLANT GROWTH.
- MIX SPECIFIED SOIL AMENDMENTS AND FERTILIZERS WITH TOPSOIL AT RATES SPECIFIED BY THE LAB REPORT. DELAY MIXING OF FERTILIZER IF PLANTING WILL NOT FOLLOW PLACING OF PLANTING SOIL WITHIN A FEW DAYS.
- FOR PLANTING BEDS AND LAWNS, MIX PLANTING SOIL EITHER PRIOR TO PLANTING OR APPLY ON SURFACE OF TOPSOIL AND MIX THOROUGHLY BEFORE PLANTING. MIX LIME WITH DRY SOIL PRIOR TO MIXING OF FERTILIZER.
- PREVENT LIME FROM CONTACTING ROOTS OF ACID-LOVING PLANTS.
- APPLY PHOSPHORIC ACID FERTILIZER (OTHER THAN THAT CONSTITUTING A PORTION OF COMPLETE FERTILIZERS) DIRECTLY TO SUBGRADE BEFORE APPLYING PLANTING SOIL AND TILLING.

**PLANTING SOIL**

- PLANTING SOIL MIX SHALL BE CLEAR OF ALL STONES AND DEBRIS 1" OR LARGER, AND CONSIST OF THE FOLLOWING: 25% ORGANIC COMPOST, 75% ACCEPTABLE TOPSOIL.

**OTHER MATERIALS**

- BED EDGING - EDGING SHALL BE 4" STEEL EDGING WITH THREE (3) METAL ANCHOR STAKES PER 20 FOOT SECTION. ALL MASS PLANTING BEDS SHALL HAVE EDGING PLACED BETWEEN MULCH AREA AND ANY ADJACENT TURF AREA.
- MULCH: ORGANIC MULCH FREE FROM DELETERIOUS MATERIALS AND SUITABLE FOR TOP DRESSING OF TREES, SHRUBS, OR PLANTS AND CONSISTING OF THE FOLLOWING:
  - RIVER ROCK MULCH AREA: AGGREGATE MULCH, 3/4"-2" IN SIZE, WASHED AND ROUNDED, SHALL BE INSTALLED WITHIN THE RIVER ROCK MULCH AREA PER THE PLAN. RIVER ROCK MULCH SHALL BE INSTALLED AT 3" INCHES DEPTH.
  - NON-DRYED, DOUBLE SHREDDED HARDWOOD SHALL BE INSTALLED IN ALL OTHER LANDSCAPE BEDS OUTSIDE OF THE RIVER ROCK MULCH AREA AT A DEPTH OF 3 INCHES.

**GENERAL WORK PROCEDURES**

- LANDSCAPE WORK SHALL BE ACCORDING TO THE WORKMANLIKE STANDARDS ESTABLISHED FOR LANDSCAPE CONSTRUCTION AND PLANTING IN THE KENTUCKY STANDARDIZED LANDSCAPE SPECIFICATIONS (ASLA) AND ANY LOCAL LANDSCAPE ORDINANCES.
- CONTRACTOR SHALL OBTAIN A COPY OF LOCAL ORDINANCES REGARDING ACCEPTABLE PLANT AND PLANTING DETAILS AND ABIDE BY THOSE ORDINANCES AND DETAILS.
- ENGINEER RESERVES THE RIGHT TO REJECT ALL PLANT MATERIAL DEEMED NOT ACCEPTABLE.
- ANY PROPOSED PLANT SUBSTITUTIONS SHALL BE EQUIVALENT IN FORM, HABIT, STRUCTURE, BRANCHING AND LEAF TYPE AND MUST BE ISSUED TO THE LANDSCAPE ARCHITECT FOR APPROVAL, IN WRITING, PRIOR TO INSTALLATION.

**WEEDING**

- BEFORE AND DURING PRELIMINARY GRADING AND FINISH GRADING, ALL WEEDS AND GRASSES SHALL BE DUG OUT BY THE ROOTS AND DISPOSED OF AT THE CONTRACTOR'S EXPENSE.

**PLANTING**

- POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE OWNER BEFORE EXCAVATING PITS, MAKING NECESSARY ADJUSTMENTS AS DIRECTED.
- PLANTING PITS SHALL BE AS PER DETAILS.
- PREPARED SOIL SHALL BE TAMPED FIRMLY AT BOTTOM OF PIT, FILL WITH PLANTING SOIL AROUND BALL OF PLANT. COMPLETE BACKFILLING AND WATER THOROUGHLY.
- EACH TREE AND SHRUB SHALL RECEIVE THE LANDSCAPER'S BIONUTRITION (3-0-3) GRANULAR WITH MYCORRHIZAL TECHNOLOGY FERTILIZER OR APPROVED OTHER, APPLY FERTILIZER PER MANUFACTURER'S SPECIFICATIONS.
- WATER IMMEDIATELY AFTER PLANTING. WATER SHALL BE APPLIED TO EACH TREE AND SHRUB IN SUCH MANNER AS NOT TO DISTURB BACKFILL AND TO THE EXTENT THAT ALL MATERIALS IN THE PLANTING HOLE ARE THOROUGHLY SATURATED.
- INSTALL BED EDGING AND MULCH PER MATERIALS SPECIFICATION AND DETAILS.
- REMOVE ALL SALES TAGS, STRINGS, STRAPS, WIRE, ROPE OR OTHER MATERIALS THAT MAY INHIBIT PLANT GROWTH BOTH ABOVE AND BELOW THE SURFACE OF THE SOIL.
- REMOVE ANY BROKEN, SUCKERING, DISEASED, CRISSCROSSED OR AESTHETICALLY DISPLEASING BRANCHES BACK TO LIVE LEADER OR SIDE LATERAL WITH A FLUSH CUT.

**FINISH GRADING**

- ALL AREAS WILL BE GRADED BY THE CONTRACTOR TO SUBSTANTIALLY PLUS/MINUS 0.1 FOOT OF FINISH GRADE.
- ALL LAWN AND PLANTING AREAS SHALL BE GRADED TO A SMOOTH, EVEN, UNIFORM PLANE WITH NO ABRUPT CHANGE OF SURFACE. SOIL AREAS ADJACENT TO THE BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS.
- ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED TO ALLOW FREE FLOW OF SURFACE WATER.
- PARKING LOT ISLAND SHALL BE BACKFILLED AS PART OF THIS CONTRACT.

**GROUND COVER**

- SPACING AND VARIETY OF GROUND COVER SHALL BE AS SHOWN ON DRAWINGS.
- MULCH GROUND COVER WITH 2" THICKNESS OF SPHAGNUM PEAT.
- IMMEDIATELY AFTER PLANTING GROUND COVER, CONTRACTOR SHALL THOROUGHLY WATER GROUND COVER.
- ALL GROUND COVER AREAS SHALL BE TREATED WITH A PRE-EMERGENT BEFORE FINAL LANDSCAPE INSPECTION. GROUND COVER AREAS SHALL BE WEEDED PRIOR TO APPLYING PRE-EMERGENT. PRE-EMERGENT TO BE APPLIED AS PER MANUFACTURER'S RECOMMENDATION.

**GUARANTEE**

- CONTRACTOR SHALL GUARANTEE ALL PLANTS FOR A PERIOD OF ONE (1) YEAR FROM DATE OF PROJECT ACCEPTANCE BY THE OWNER.

**CLEANUP**

- UPON THE COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK. AN 'ACCEPTABLE CONDITION' SHALL BE AS DEFINED AND APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.

**IRRIGATION**

- CONTRACTOR SHALL PROVIDE & INSTALL AN IRRIGATION SYSTEM TO PROVIDE 100% COVERAGE OF THE SITE.
- IRRIGATED AREAS WITHIN 5 FEET OF BUILDING WALLS SHALL BE IRRIGATED BY DRIP IRRIGATION OR SIMILAR. CONTRACTOR SHALL ENSURE BUILDING WALLS AND WINDOWS WILL NOT BE DAMAGED OR STAINED BY IMPROPER IRRIGATION INSTALLATION OR POOR SELECTION OF FIXTURES.
- SYSTEM SHALL INCLUDE ALL SPRINKLER FIXTURES, DRIP TUBING, PIPING, VALVES, WIRING AND CONTROLS TO PROVIDE A COMPLETE FUNCTIONAL SYSTEM THAT SHALL COMPLY WITH CITY CODE.
- IRRIGATION CONTRACTOR SHALL PROVIDE A METHOD FOR WINTERIZATION. WINTERIZATION SHALL BE PERFORMED BY CONTRACTOR UPON COMPLETION IF SYSTEM IS INSTALLED BETWEEN NOVEMBER 1 AND MARCH 31.
- PRIOR TO UPDATING THE IRRIGATION SYSTEM, A CERTIFIED IRRIGATION DESIGNER SHALL PROVIDE SHOP DRAWINGS TO ENGINEER FOR APPROVAL.
- UPON APPROVAL OF SHOP DRAWINGS, THE UPDATED IRRIGATION SYSTEM SHALL BE APPROVED BY OWNER FOR FINAL ACCEPTANCE.

**MAINTENANCE**

(MAINTENANCE PERIOD TO COMMENCE AFTER FINAL INSPECTION.)

- MAINTENANCE PERIOD FOR THIS CONTRACT SHALL BE 90 CALENDAR DAYS COMMENCING AFTER FINAL INSPECTION OF CONSTRUCTION.
- MAINTAIN TREES, SHRUBS AND OTHER PLANTS BY PRUNING, CULTIVATING AND WEEDING AS REQUIRED FOR HEALTHY GROWTH. RESTORE PLANTING SAUCERS, RESET TREES AND SHRUBS TO PROPER GRADES OR VERTICAL POSITION AS REQUIRED.
- MAINTAIN LAWNS BY WATERING, MOWING, TRIMMING, AND OTHER OPERATIONS SUCH AS ROLLING, REGRADING AND REPLANTING AS REQUIRED TO ESTABLISH A SMOOTH, ACCEPTABLE LAWN, FREE OF ERODED OR BARE AREAS.
- MAINTAIN THE LANDSCAPING BY KEEPING ALL PLANTS DISEASE-FREE AND PLANTING BEDS GROOMED, EXCEPT IN NATURALLY OCCURRING VEGETATION AREAS.
- REPLACE ANY REQUIRED PLANTING(S), WHICH SEVERELY DECLINE OR DIE AFTER THE DATE OF PLANTING. SUCH REPLACEMENT SHALL OCCUR DURING THE NEXT APPROPRIATE PLANTING SEASON.

**SEEDING**

- GRASS SEED SHALL BE FRESH, CLEAN, DRY, NEW-CROP SEED COMPLYING WITH THE ASSOCIATION OF OFFICIAL SEED ANALYSTS' "RULES FOR TESTING SEEDS" FOR PURITY AND GERMINATION TOLERANCES.
- ALL AREAS TO BE SEEDED SHALL RECEIVE NO LESS THAN FIVE POUNDS OF SEED PER ONE THOUSAND SQUARE FEET. APPLY SEED AND PROTECT WITH STRAW MULCH AS REQUIRED FOR NEW LAWNS. GRASS SEED MIX SHALL CONSIST OF THE FOLLOWING:

PROPORTION	NAME	MIN. % GERM.	MIN. % PURE SEED	MAX. % WEED SEED
30%	KENTUCKY BLUEGRASS (POA PRATENSIS)	80	85	0.50
30%	CREeping RED FESCUE (FESTUCA RUBRA)	85	98	0.50
20%	PERENNIAL RYE GRASS (LOLIUM PERENNE)	90	98	0.50
20%	ANNUAL RYEGRASS (LOLIUM MULTIFLORUM)	85	92	1.00

**PLANTING SCHEDULE**

- ALL PLANTING IS RECOMMENDED TO BE DONE WITHIN THE FOLLOWING DATES. WHEN PLANTING OUTSIDE THESE DATES, WRITTEN DOCUMENTATION SHALL BE PROVIDED THAT SURVIVAL OR REPLACEMENT WILL BE ENSURED. NO PLANTING SHALL BE DONE IN FROZEN SOIL.

NORMAL PLANTING SEASONS	SPRING	FALL
ALL TREES AND SHRUBS	MARCH 15-MAY 15	OCTOBER 1-DECEMBER 1
EVERGREENS	APRIL 1-MAY 15	OCTOBER 1-NOVEMBER 15
GROUNDCOVERS	APRIL 1-JUNE 1	WHEN SOD IS WORKABLE
SEED AND MULCH	APRIL 1-MAY 15	OCTOBER 1-NOVEMBER 15

DATE	REMARKS

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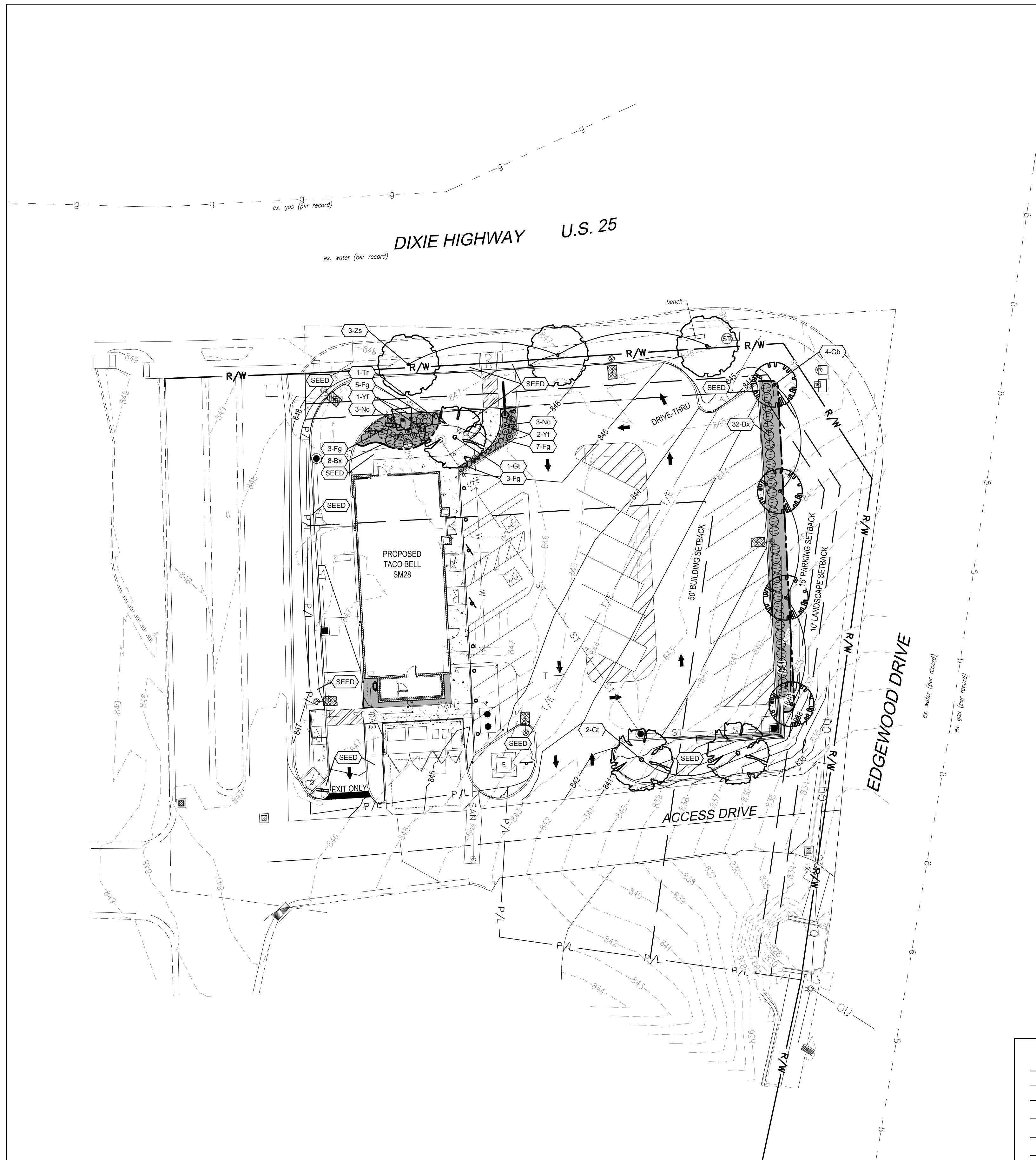
END 20  
 LANDSCAPE  
 NOTES

L-001

PLOT DATE:



520 South Main Street, Suite 2531  
Akron, OH 44311  
330.572.2100 Fax 330.572.2101



LANDSCAPE NOTES

- MULCH PER LANDSCAPE SPECIFICATIONS.
- ALL DISTURBED AREAS NOT TO BE PAVED OR MULCHED SHALL BE SEEDED PER SPECIFICATIONS.
- ALL DISTURBED AREAS WITHIN THE R.O.W. NOT TO BE PAVED, SHALL BE GRADED TO MATCH EXISTING CONDITIONS AND SEEDED PER THE SPECIFICATIONS.

LANDSCAPE LEGEND

--- PROPOSED LANDSCAPE BED EDGE

PROPOSED TREE

PROPOSED SHRUB / PERENNIAL

PROPOSED LIMESTONE BOULDER, DESERT SAND, 12"-36"

PROPOSED PLANT QUANTITY AND SYMBOL

PROPOSED LAWN AREA

PROPOSED RIVER ROCK MULCH AREA

DIXIE HIGHWAY - 162' R.O.W.

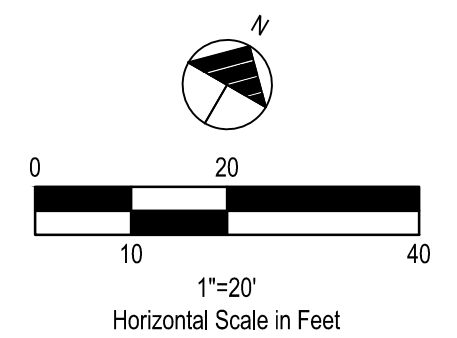
ITEM	REQUIRED	PROVIDED	ZONING ORDINANCE
STREET TREES	3	3	1 TREE EVERY 60 FEET ON CENTER (MAXIMUM) FROM LIST A (SHADE TREES) 1 TREE EVERY 60 FEET ON CENTER (MAXIMUM) FROM LIST F (STREET TREES) 1 TREE EVERY 60 FEET ON CENTER (MAXIMUM) FROM LIST B (FLOWERING AND NON-FLOWERING TREES)*

EDGEWOOD DRIVE - 146' R.O.W.

ITEM	REQUIRED	PROVIDED	ZONING ORDINANCE
STREET TREES	4	4	1 TREE PER 40 LINEAR FEET, OR FRACTION THEREOF, FROM LIST A* (SHADE TREES), PLUS 8 SHRUBS PER 40 LINEAR FEET, OR FRACTION THEREOF, FROM EITHER LIST D (DECIDUOUS SHRUBS) OR LIST E (EVERGREEN/BROADLEAF SHRUBS)
SHRUBS	32	36	

INTERIOR PLANTINGS

ITEM	REQUIRED	PROVIDED	ZONING ORDINANCE
INTERIOR LANDSCAPE AREA	5%	17%	5% INTERIOR LANDSCAPE AREA REQUIRED
TREES	3	3	1 TREE PER 250 SQUARE FEET OF INTERIOR LANDSCAPED AREA FROM EITHER LIST A (SHADE TREES) OR LIST B (FLOWERING AND NON-FLOWERING TREES) (1 TREE MINIMUM)



PLANT LIST

Symbol	Botanical Name	Common Name	Qty.	Min. Size	Condition	Remarks
Bx	Buxus 'Green Velvet'	Green Velvet Boxwood	40	24" H Min.	B&B	3' o/c
Fg	Festuca glauca	Blue Fescue	18	No. 2	Cont.	Per Plan
Gb	Ginkgo biloba 'Princeton Sentry'	'Princeton Sentry' Ginkgo	4	2" cal	B&B	Male Variety Only
Gt	Gleditsia triacanthos f. inermis 'Skyline'	Skyline Thornless Honey Locust	3	2" cal	B&B	Per Plan
Nc	Nepeta x 'Cat's Pajamas'	Cat's Pajamas Catmint	6	No. 2	Cont.	2' o/c
Tr	Thuja occidentalis 'Rheingold'	Rheingold Arborvitae	1	24" H Min.	B&B	3' o/c
Yf	Yucca filamentosa 'Color Guard'	Color Guard Yucca	3	No. 5	Cont.	Per Plan
Zs	Zelkova serrata	Japanese Zelkova	3	2" cal	B&B	Per Plan



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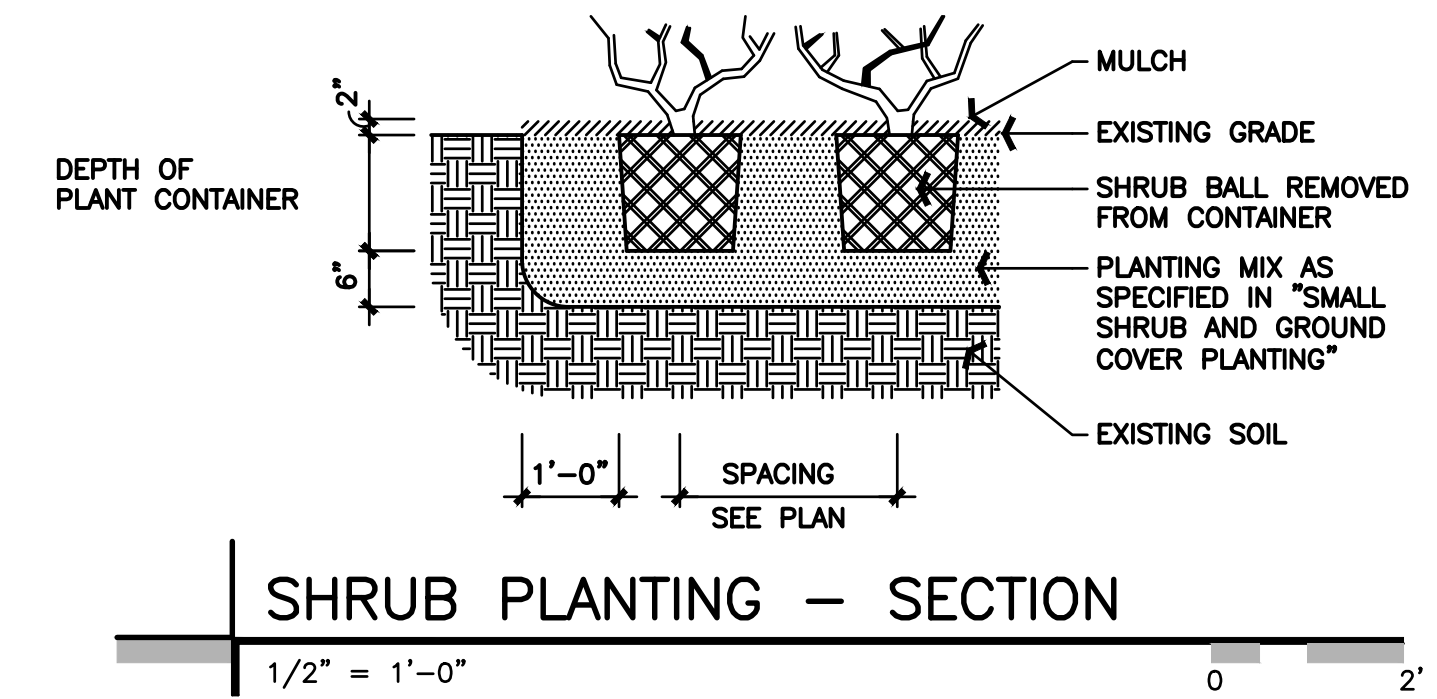
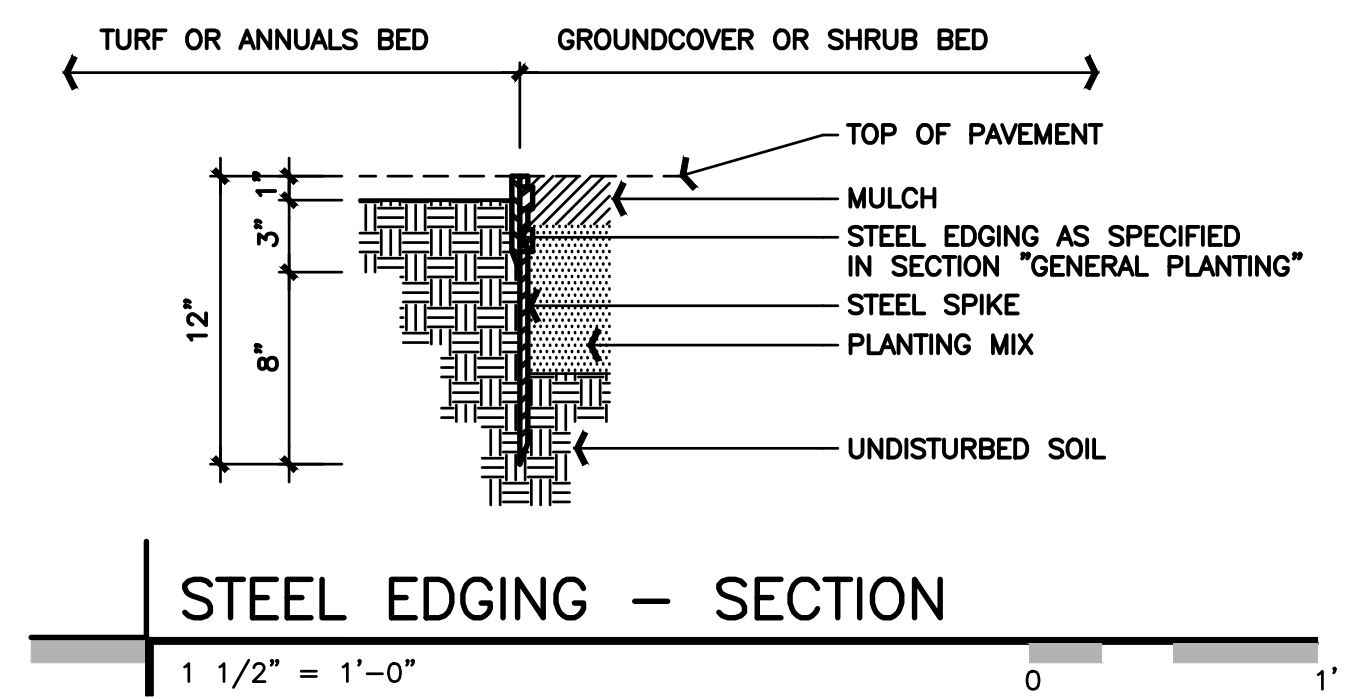
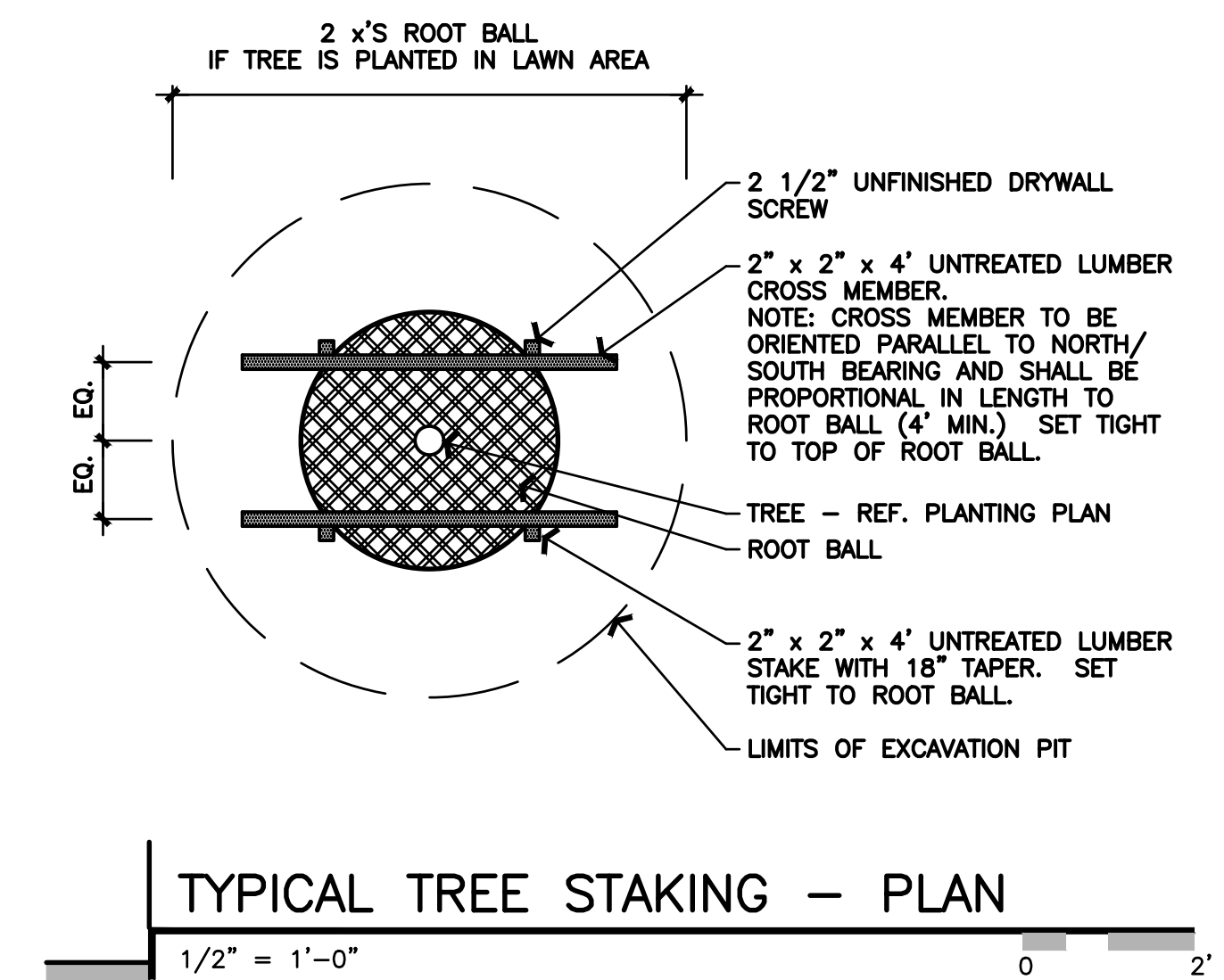
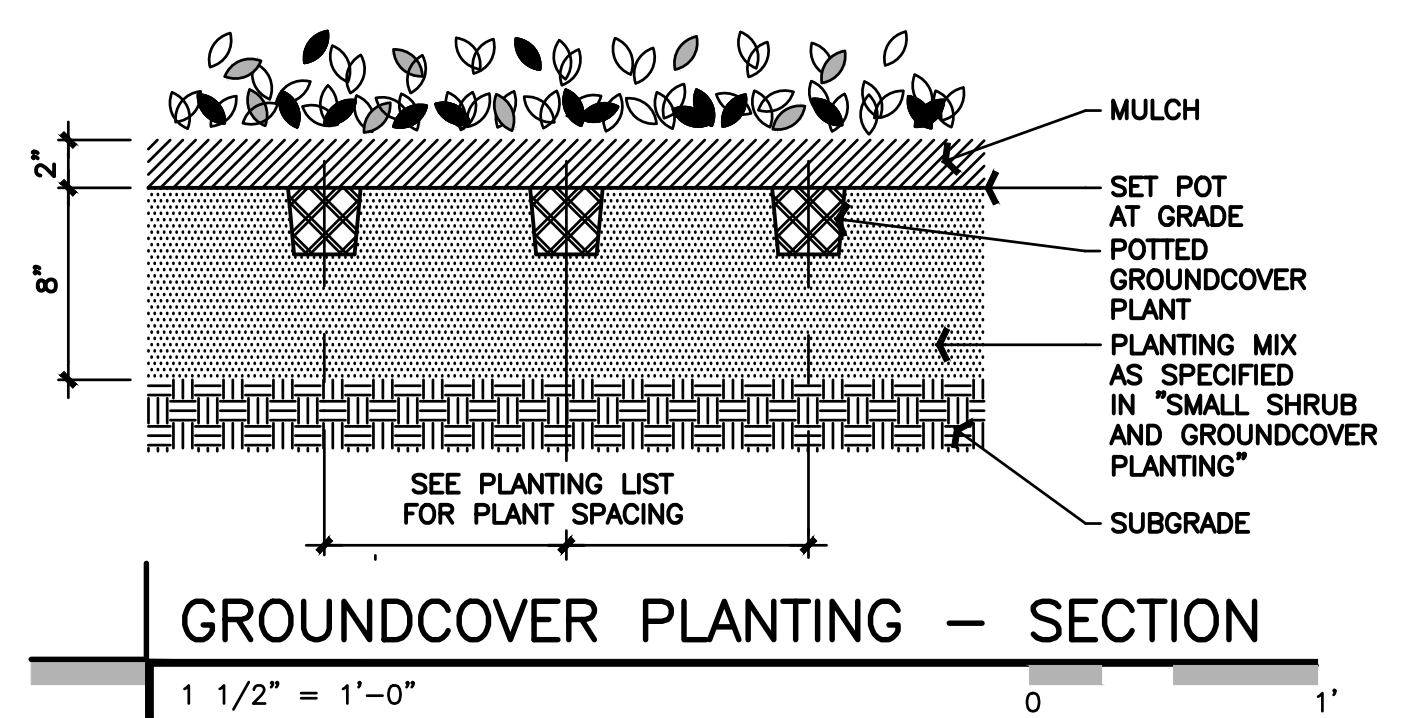
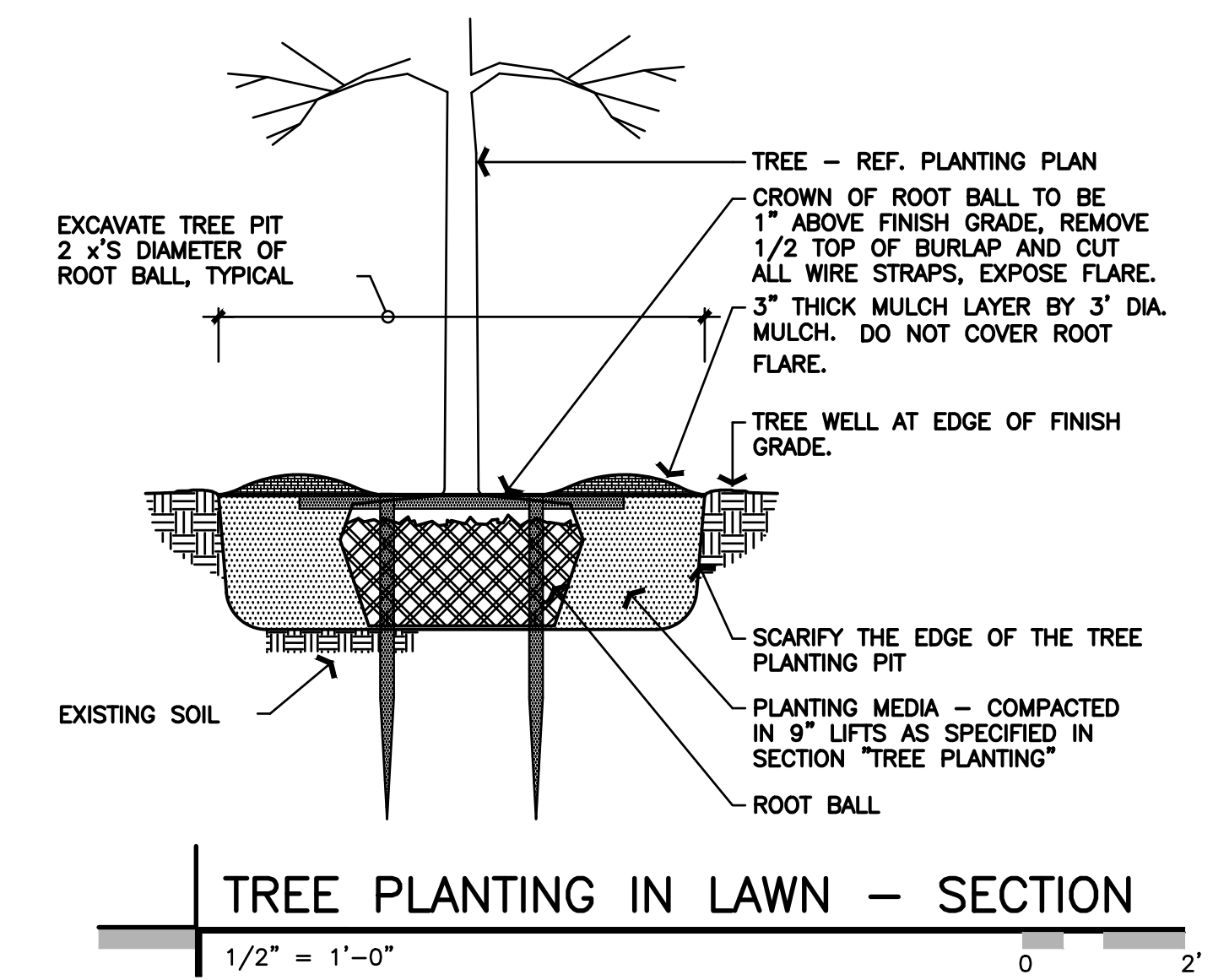
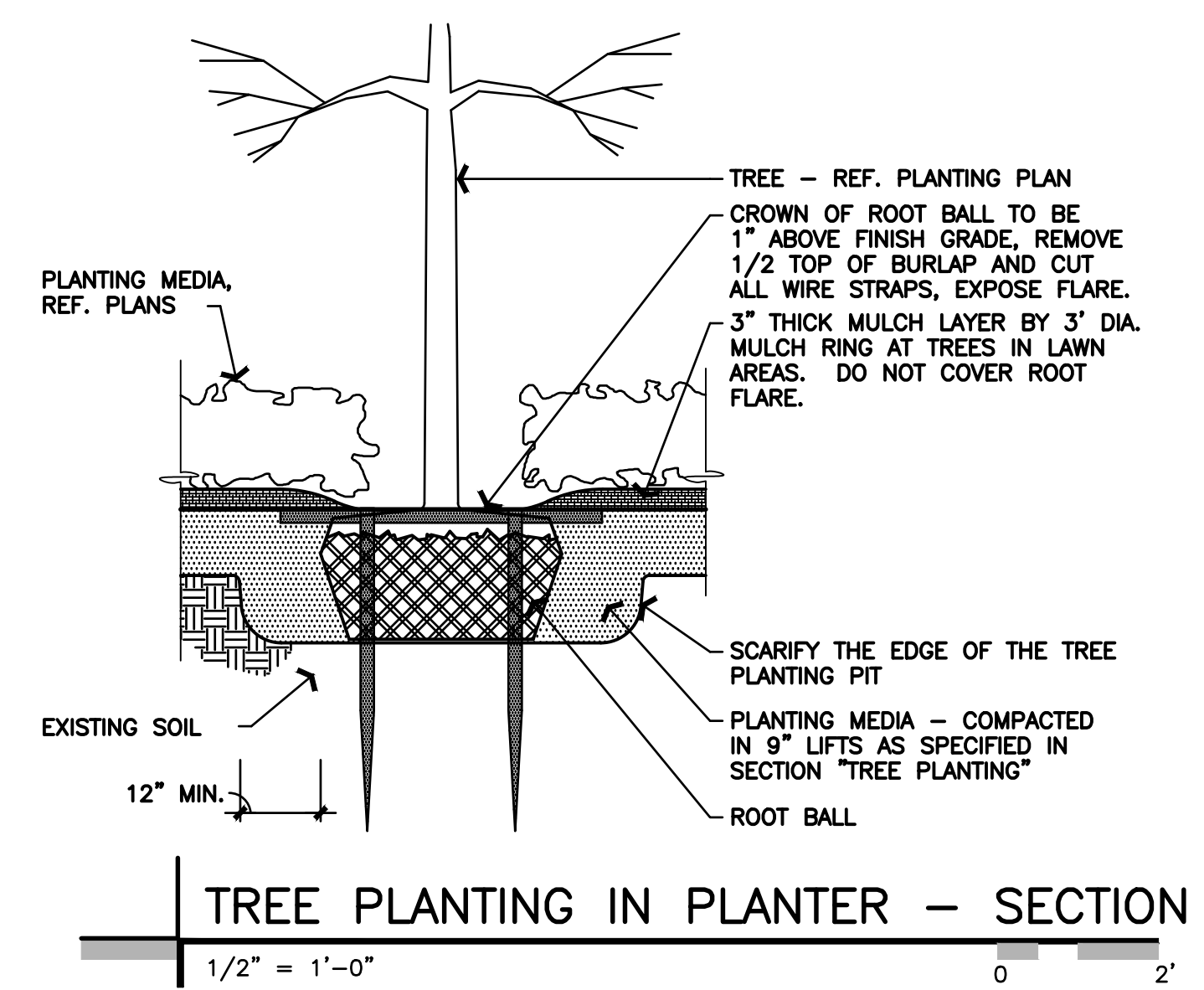
**TACO BELL**  
 3039 DIXIE HWY.  
 EDGEWOOD, KY 41017



END 20  
**LANDSCAPE PLAN**

**L-101**

PLOT DATE: \_\_\_\_\_



DATE	REMARKS
09/23/2021	AHJ COMMENTS

CONTRACT DATE: -  
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END 20  
LANDSCAPE  
DETAILS

**L-501**

PLOT DATE: